

13.08.01 Aug 98. (2 of 2)

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Dan Gillikin  
U.S. Forest Service  
Glacier Ranger District  
PO Box 129  
Girdwood, Alaska 99587

Re: Project 99043B-CLO/Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures

Dear Mr. Gillikin:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$9,500 for Project 99043B-CLO/Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures. A copy of the Council's action on your project is enclosed. Please note funding is for project closeout (sample analysis and report writing) only.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison  
MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99043B-CLO	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	D. Gillikin/USFS	USFS	Cont'd 6th yr. 6 yr. project	\$9.5	\$0.0	\$0.0	\$0.0	\$9.5
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will prepare the final report and analysis of data collected from 1995 to 1998. Sixty-three habitat improvement structures were installed in 1995 under Project 95043B. At that time there were concerns raised that habitat structures may inadvertently increase coho salmon populations, thereby increasing competitive stress on Dolly Varden and cutthroat trout populations. The final report will address the five working null hypotheses presented in previous proposals to determine if the improvements were a benefit to cutthroat trout and Dolly Varden.		Monitoring the success of the previously installed habitat improvements is necessary to evaluate success. Fund this final year of monitoring.		Fund closeout of this project, which has monitored the effectiveness of habitat improvement structures that were installed in FY 95 to restore and enhance populations of cutthroat trout and Dolly Varden. This information will aid fisheries management in gauging the success of this project and in applying the results to other situations.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

Re: Project 99012-BAA/Comprehensive Killer Whale Investigation in Prince William Sound

Dear Mr. Matkin:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$85,400 for Project 99012-BAA/Comprehensive Killer Whale Investigation in Prince William Sound contingent on submittal of a status report on the five manuscripts promised in FY 98. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project /012A, funding for FY 2000 will be considered following review of the results of the ongoing work.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99012A-BAA	Comprehensive Killer Whale Investigation in Prince William Sound	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 7th yr. 9 yr. project	\$85.4	\$0.0			\$85.4

### Project Abstract

This project will continue the monitoring of the damaged AB pod and other Prince William Sound/Kenai Fjords killer whales that has occurred on a yearly basis since 1984. Methods include the photo identification of individual whales and acoustic monitoring with remote and vessel-based hydrophone systems. The project will finalize interpretation and provide for publication of the results of a multi-year examination of killer whale population biology, genetics, acoustics, trophic interactions, spatial and temporal distribution patterns, and contaminant accumulation.

### Chief Scientist's Recommendation

This is a good project that has produced consistently high-quality data on killer whales, which continues to be a species of concern. The principal investigator is excellent, and it is hard to imagine a way to carry out this work for less money. Fund contingent on an update on the status of the five manuscripts promised in FY 98.

### Trustee Council Action

Fund contingent on submittal of a status report on the five manuscripts promised in FY 98. 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. Funding for FY 2000 will be considered following review of the results of the ongoing work.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

Re: Project 99007A/Archaeological Index Site Monitoring  
Project 99149-CLO/Archaeological Site Stewardship

Dear Dr. Reger:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$151,500 for Project 99007A/Archaeological Index Site Monitoring and \$15,200 for Project 99149-CLO/Archaeological Site Stewardship. A copy of the Council's action on your projects is enclosed. Please note funding for Project 99149 is for project closeout (report writing) only.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99007A, funding beyond FY 99 will be based on a careful evaluation of the restoration value of this project. Because Project 99149-CLO is expected to close out in FY 99, no additional funding is projected for future years. Funding projections will be reviewed on an annual basis.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Carol Fries, ADNR Liaison  
Ken Holbrook, USFS Liaison  
Bud Rice, DOI-NPS Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99007A	Archaeological Index Site Monitoring	D. Reger/ADNR	ADNR	Cont'd 5th yr. 8 yr. project	\$151.5.	\$0.0			\$151.5

## 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 area. Oiled sites will be tested for reintroduced oil. A total of 11 sites will be visited in FY 99. Scattered instances of vandalism continue and monitoring will continue with return to sites initially identified but not recently monitored.

## Chief Scientist's Recommendation

This project has been conducting ongoing evaluation of damage to archaeological sites from oil or vandalism. There has been no evidence showing that oil has migrated onto any of these sites, and after nine years it is justified to ask if any vandalism can still be considered a by-product of the oil spill. I recommend that this project be carefully evaluated in FY 99 prior to continued funding in FY 00. Fund.

## Trustee Council Action

Fund. This project monitors archaeological sites injured by vandalism and oiling. However, because nine years have elapsed since the spill, any injuries being detected may have little relevance to the spill. Funding beyond FY 99 should be based on a careful evaluation of the restoration value of this project.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99149-CLO	Archaeological Site Stewardship	D. Reger/ADNR	ADNR	Cont'd 4th yr. 4 yr. project	\$15.2	\$0.0	\$0.0	\$0.0	\$15.2

## Project Abstract

The archaeological site stewardship program has been aimed at providing training and coordination for a cadre of volunteers to monitor vandalized sites in the oil spill area beyond the ability of agency monitoring. Volunteer site stewards monitored damaged sites on the Kenai Peninsula, Kachemak Bay, Uganik Bay, Uyak Bay, and the Chignik area of the Alaska Peninsula. Closeout of the project will summarize accomplishments of the past three years of activity, outline conclusions about usefulness and structure of the program and identify future directions for similar programs.

## Chief Scientist's Recommendation

This is the closeout for the project. Fund.

## Trustee Council Action

Fund closeout (report writing) of this project. This pilot project has trained and coordinated volunteers to monitor vandalized archaeological sites in the spill area.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Stephen Bonebrake, Ph.D.  
City of Soldotna  
177 North Birch Street  
Soldotna, Alaska 99669

RE: Project 99495 / Soldotna Swiftwater Park Recreational Access and  
Habitat Restoration  
Project 99496 / Soldotna Centennial Park Uplands Access Trail

Dear Dr. Bonebrake:

The Exxon Valdez Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 99495/Soldotna Swiftwater Park Recreational Access and Habitat Restoration and 99496/Soldotna Centennial Park Uplands Access Trail. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 99. A copy of the Council's action on your projects is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Carol Fries, ADNR Liaison  
Claudia Slater, ADF&G Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99495	Soldotna Swiftwater Park Recreational Access and Habitat Restoration	S. Bonebrake, D. Bower/City of Soldotna	ADNR	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

This project will renovate and expand the existing "volunteer" boardwalk which was installed in 1995 to provide additional protected pedestrian access to designated fishing and viewing stations along the Kenai River. It will also provide a multi-use platform at the boat launch for boat staging and other uses. Finally, foot traffic will be controlled and previously damaged bank areas will be stabilized, restored and protected using a variety of methods intended to provide a naturally functioning riparian zone.

## Chief Scientist's Recommendation

This proposal appears to be consistent with other Kenai habitat projects supported by the Trustee Council. However, I am concerned about funding such work on a piecemeal basis, without the in-depth review that was used in Project /180. Do not fund.

## Trustee Council Action

Do not fund. Although the type of work proposed appears to be consistent with projects previously funded, I cannot recommend additional investment in new Kenai River projects given the Trustee Council's very substantial investment in sockeye research and management, habitat acquisition, and habitat restoration.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99496	Soldotna Centennial Park Uplands Access Trail	S. Bonebrake, D. Bower/City of Soldotna	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

The Centennial Park Upland Trail project was first proposed as part of the habitat and access improvements project completed in 1997 (Project /180). That project provided habitat restoration, elevated light penetrating walkway at the top of the park's upstream cutbank area, and the three sets of stairs accessing the river bed for angler use. The Upland Trail Project will provide a safe, durable path for campers and day use visitors to reach the bank-top walkway, reducing trampling of the surrounding area and allowing natural revegetation of the disturbed areas.

## Chief Scientist's Recommendation

See Executive Director's recommendation.

## Trustee Council Action

Do not fund. This request duplicates funding (\$45,000) that the Trustee Council provided for the Centennial Park Uplands Trail through Project 98180. Construction is scheduled for late summer/early fall 1998.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Virginia Aleck  
PO Box 18  
Chignik Lake, Alaska 99548-0018

RE: Project 99484 / Construction of Chignik Lake Subsistence Building and Repair of Sod House

Dear Ms. Aleck:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund project 99484/Construction of Chignik Lake Subsistence Building and Repair of Sod House. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99484	Construction of Chignik Lake Subsistence Building and Repair of Sod House	V. Aleck/Chignik Lake Village Council	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> [NOTE: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and detailed budget will need to be prepared.]			<u>Chief Scientist's Recommendation</u> In regard to the subsistence addition, since the subsistence building was originally constructed with the State's EVOS criminal settlement funds, a policy decision would be required on whether this is an appropriate project for civil funds. The sod house would appear to be unrelated to EVOS injury to archaeological resources. Do not fund.			<u>Trustee Council Action</u> Do not fund. Although the Trustee Council has received requests in the past for facility construction in spill-region villages, such projects have been found not to be legally permissible. The State's EVOS criminal fund subsistence grants, administered by the Alaska Department of Community and Regional Affairs, have been awarded for this purpose. The Subsistence Fish and Game Processing Building/Cultural Education Center in Chignik Lake, for which this project would fund an addition, was funded through the criminal grant program.			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

John A. Christensen, Sr.  
Chenega Bay IRA Council  
PO Box 8079  
Chenega Bay, Alaska 99574

RE: Project 99416 / O'Brien Creek Restoration  
Project 99497 / Chenega Bay Subsistence Processing Building and  
Biosampling Facility

Dear Mr. Christensen:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 99416/O'Brien Creek Restoration and 99497/Chenega Bay Subsistence Processing Building and Biosampling Facility. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 99. A copy of the Council's action on your projects is enclosed.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison  
Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99416	O'Brien Creek Restoration	J. Christensen/Chenega Bay IRA	USFS	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
Subsistence use of resources in the spill-impacted area declined following the spill. Unlike many of the other communities in the spill area, subsistence harvest levels in Chenega Bay have not returned to prespill levels. This project will help the recovery of subsistence users in Chenega Bay by restoring the water flow to O'Brien Creek. The 1964 earthquake resulted in outwash deposits that caused the stream to become subterranean at low flow levels. This project will examine the feasibility of restoring the channel so that salmon have access to the stream and will identify opportunities to improve rearing habitat.		This proposal would examine the feasibility of restoration of O'Brien Creek, near the village of Chenega Bay, to pre-earthquake hydrological characteristics. This would be a replacement action in order to compensate for the lost use of subsistence resources following the spill. The Trustee Council has invested in a number of projects to specifically compensate for such losses at Chenega Bay, including restoration of a sockeye run at Solf Lake (Project /256B) and funding of a terminal chinook salmon fishery in Crab Bay (Project /272). In addition, the potential for high supplementation costs following initial engineering estimates are a concern. Do not fund.		Do not fund. This project, which is designed to reestablish a coho run in O'Brien Creek near the village of Chenega Bay as a replacement for other subsistence resources lost or reduced during the oil spill, may be reconsidered after subsistence surveys tentatively scheduled for Fall 1998 (as a means of helping to evaluate the status of the subsistence service for the 10 Years After symposium) are conducted.					

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99497	Chenega Bay Subsistence Processing Building/Biosampling Facility	J. Christensen/Chenega Bay IRA Council	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

This project will fund the construction of a Subsistence Processing and Biosampling Facility in Chenega Bay. The building will provide shelter for local subsistence harvesters to process game meat. Additionally, the building will be used by the local participants in the Alaska Native Harbor Seal Commission's biosampling program (Project /244). Biosampling will take place within the building, protecting the biosamplers from the harsh elements of Prince William Sound. The building will also be used to educate the youth of Chenega Bay on traditional methods of harvesting. The oil spill has created a generation without the knowledge of how to harvest subsistence resources. Scarcity, fear of contamination, and other factors have limited the ability for harvesters to take youth out. With this building, local harvesters will have the ability to hold classes and other similar activities.

## Chief Scientist's Recommendation

A policy decision needs to be made on whether this proposal would be eligible for funding with EVOS civil settlement funds. Similar facilities have been constructed in other spill-area communities with the State's EVOS criminal settlement funds. Do not fund.

## Trustee Council Action

Do not fund. Although the Trustee Council has received requests in the past for facility construction in spill-region villages, such projects have been found not to be legally permissible. The State's EVOS criminal fund subsistence grants, administered by the Alaska Department of Community and Regional Affairs, have been awarded for this purpose.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Paul McCollum  
PO Box 2016  
Homer, Alaska 99603

RE: Project 99335 / Construction and Operation of a Sockeye Hatchery in  
Nanwalek  
Project 99521 / Lower Cook Inlet Salmon Ecology Pilot Study

Dear Mr. McCollum:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 99335/Construction and Operation of a Sockeye Hatchery in Nanwalek and 99521/Lower Cook Inlet Salmon Ecology Pilot Study. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 99. A copy of the Council's action on your projects is enclosed.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99335	Construction and Operation of a Sockeye Hatchery in Nanwalek	P. McCollum/Nanwalek	ADFG	New	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

This project will construct a sockeye hatchery in Nanwalek. [NOTE: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and detailed budget will need to be prepared.]

## Chief Scientist's Recommendation

Even if the proposal were to be fully developed, the link to the restoration program is likely to be weak. In addition there are major technical hurdles that need to be overcome, as sockeye are prone to a virulent and fatal contagious disease (IHN) that makes them very difficult to culture in a hatchery environment. Such hatcheries have serious and expensive problems, so I recommend against this project. Do not fund.

## Trustee Council Action

Do not fund. This project would provide funds to develop a sockeye salmon hatchery in the Alaska Native village of Nanwalek. The project is intended to replace subsistence and commercial fishery resources lost due to the oil spill by increasing sockeye salmon production in lower Cook Inlet. However, the existing arrangement between Nanwalek and the Port Graham hatchery has achieved reestablishment of the sockeye return to Nanwalek. Construction of a hatchery in Nanwalek at this point has little link to the Trustee Council's restoration objectives.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99521	Lower Cook Inlet Salmon Ecology Pilot Study	P. McCollum/Nanwalek	ADFG	New	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
Improving existing knowledge of the survival mechanism of pink and sockeye salmon in southeastern lower Cook Inlet is the main goal of this project. The pilot study will sample outmigrating salmon smolts for growth, marks (coded wire tags), stomach contents (for prey species identification) and timing (days since release or outmigration). By sampling these variables the study will document the growth rate and outmigration timing of these two important salmon species in the spring of 1998. Opportunistic sampling of smolts will occur when feasible with hopes of learning important staging areas and preferred beach habitat for both species. Plankton and sea surface temperature records will be collected for possible future correlation with observed growth. Both pink and sockeye salmon are essential components of the subsistence and commercial fisheries in the Port Graham and English Bay drainage.		The goals of this proposal include a literature review of ecological factors that control marine survival in pink and sockeye salmon in Alaska and Canada, a characterization of preferred marine habitat, and documentation of growth rates of the two species in portions of lower Cook Inlet. The proposal does not identify the principal investigator and their qualifications. A sampling plan for the field work is not provided, nor is there any detail on how the very large literature on Pacific salmon will be analyzed and synthesized. The Trustee Council has invested substantially in studies of juvenile salmon marine survival through the SEA project (/320). This proposal does not show a link to SEA and other related projects. Do not fund.		Do not fund based on technical review.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Jay Kirsch  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

Gary Thomas, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99468-BAA / FEATS: Fundamental Estimates of Acoustic Target Strength

Dear Mr. Kirsch and Dr. Thomas:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$146,600 for Project 99468/FEATS: Fundamental Estimates of Acoustic Target Strength contingent on satisfactory peer review of the revised Detailed Project Description (the revised DPD is out for peer review now). A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Trustee Council contribution to this project.

In addition to satisfying the condition specified above, before Project 99468 may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99468-BAA	FEATS: Fundamental Estimations of Acoustic Target Strength	J. Kirsch, G. Thomas/PWSSC	NOAA	New 2nd yr. 2 yr. project	\$146.6	\$0.0	\$0.0	\$0.0	\$146.6

### Project Abstract

To scale acoustic survey data from relative units (dB) to absolute units (kg/m<sup>3</sup>), knowledge of the individual fish's target strength (TS) by size is required. This project will conduct experiments to measure the TS of Pacific herring and sand lance in Prince William Sound. FY 99 will concentrate on the development of experimental apparatus, experimental logistics and the application of these to measure Pacific herring TS and sand lance TS. TS-to-length regressions will be calculated and applied to past surveys in Prince William Sound to obtain more accurate density and biomass estimates, and will serve future acoustic survey efforts of these species in coastal Alaska.

### Chief Scientist's Recommendation

This proposal responds directly to a need identified in the *FY 99 Invitation*. Obtaining better definitions of target strength for forage fish is essential to completion of work on SEA (Project /320) and APEX (Project /163). The science proposed here is appropriate and strong. A small portion of this project has been started in FY 98, and I recommend funding in FY 99 contingent on review of the revised Detailed Project Description.

### Trustee Council Action

Fund contingent on satisfactory peer review of the revised Detailed Project Description, which focuses on herring and sand lance only. This proposal responds to the *FY 99 Invitation's* request for proposals for research defining the acoustic strengths of different age classes of herring and other schooling forage fishes. It is essential that this work be done as soon as possible because it is essential to final evaluation of the data collected through the APEX project (/163). The Trustee Council approved a small amount of start-up costs for the project in July 1998. In general, results of this research will improve the assessment of the biomasses of these fish.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Jennifer Allen  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

R. Ted Cooney, Ph.D.  
University of Alaska Fairbanks/IMS  
PO Box 757220  
Fairbanks, Alaska 99775-7220

RE: Project 99361-BAA / Dynamic Graphical Techniques for Ecosystem Synthesis,  
Communication and Product Delivery

Dear Ms. Allen and Dr. Cooney:

The Exxon Valdez Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99361/Dynamic Graphical Techniques for Ecosystem Synthesis, Communication and Product Delivery. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

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

MMH

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99361-BAA	Dynamic Graphical Techniques for Ecosystem Synthesis, Communication and Product Delivery	J. Allen/PWSSC, T. Cooney/UAF	NOAA	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> <p>As the tenth anniversary of the oil spill approaches, there is an increasing need for information synthesis, translation, and communication. Transfer of ecosystem-level research results to the public, resource managers, policy makers and the wider scientific community remains a critical challenge. A number of techniques developed within the Sound Ecosystem Assessment (SEA, Project /320) have proven useful in this context. This project will extend selected SEA technologies to support the broader synthesis tasks of the Trustee Council's research program. The proposed work will complement existing synthesis efforts by focusing on graphical approaches, including advanced computer imaging and presentation technology.</p>			<u>Chief Scientist's Recommendation</u> <p>In general, this project has the potential to address important synthesis objectives and link multiple elements of the restoration program. The principal investigators are very strong, and the presentation of SEA (Project /320) results at the 1998 Restoration Workshop was an example of how sophisticated scientific information can be conveyed to the public in an exciting fashion. The specific aspects of this proposal, however, are not particularly compelling at this time. Some components seem unnecessary (e.g., providing additional funds for a SEA presentation at the 10 Years After symposium), while other aspects are premature (e.g., extension of SEA techniques to the potential long-term EVOS research and monitoring program, which is not yet defined). Cost is rather high over a three-year period. Do not fund.</p>			<u>Trustee Council Action</u> <p>Do not fund. The potential for this type of graphical presentation was effectively demonstrated by the proposer at the 1998 Annual Restoration Workshop. However, this project's primary objective in FY 99, development of a presentation on SEA (Project /320) for the 10 Years After symposium, should be funded out of the existing 99320 budget. Some of the other objectives, particularly the application of graphical and web techniques to the Trustee Council's overall synthesis goals, might be reconsidered in future years.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Keith Kornelis  
City of Kenai  
210 Fidalgo Avenue Suite 200  
Kenai, Alaska 99611

RE: Project 99387 / South Spruce Street Beach Parking  
Project 99388 / Kenai River Mouth South Side Access and Parking

Dear Mr. Kornelis:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 99387/South Spruce Street Beach Parking and 99388/Kenai River Mouth South Side Access and Parking. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 99. A copy of the Council's action on your projects is enclosed.

I appreciate the efforts you and Representative Mark Hodgins have made to provide additional information to the Trustee Council about these two projects. As you know, the Council's Public Advisory Group, Stan Senner, myself, and some agency representatives will be viewing the sites in September during the Public Advisory Group's field trip. I look forward to discussing the proposals with you again at that time.

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99387	South Spruce Street Beach Parking	K. Kornelis/City of Kenai	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

The Alaska Department of Fish and Game has opened a seasonal dip net fishery at the mouth of the Kenai River that thousands of "dip netters" from all over the state take advantage of. This project will provide proper access in a way that will not damage the area or cause user problems to the dip net fishery at the mouth of the Kenai River and will relieve the heavy fishing pressure upstream. This project could be considered Phase II of the Kenai Beach Dunes Protection Project (/180). It will provide additional parking and reroute an existing trail to this parking area. Adjacent damaged wetlands will be repaired and barriers placed to help protect the wetlands in the future.

## Chief Scientist's Recommendation

This project aims to restore Kenai River wetlands that are being harmed as a result of inadequate parking and trails in relation to a popular dipnet fishery. While this type of work would appear to be consistent with other Kenai habitat projects supported by the Trustee Council, I am concerned about funding such work on a piecemeal basis, without the in-depth review that was used in Project /180. In addition, I understand that there are agency concerns about loss of wetlands due to the proposed restoration work. Do not fund.

## Trustee Council Action

Do not fund. Although the type of work proposed appears to be consistent with projects previously funded, I cannot recommend additional investment in new Kenai River projects given the Trustee Council's very substantial investment in sockeye research and management, habitat acquisition, and habitat restoration. In addition, the Alaska Department of Fish and Game has raised concerns about loss of wetlands through this proposal.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99388	Kenai River Mouth South Side Access and Parking	K. Kornelis/City of Kenai	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

The Alaska Department of Fish and Game has opened a seasonal dip net fishery at the mouth of the Kenai River that thousands of "dip netters" from all over the state take advantage of. This project will provide proper access in a way that will not damage the area or cause user problems to the dip net fishery at the mouth on the south side of the Kenai River. It will relieve the heavy fishing pressure upstream. This project will build a road with a parking lot at the end near the south side of the Kenai River mouth. "Dip netters" are presently accessing the area with 4 x 4 vehicles along the beach, damaging the environment and often crossing private property.

## Chief Scientist's Recommendation

This project aims to restore Kenai River wetlands that are being harmed as a result of inadequate parking and trails in relation to a popular dipnet fishery. While this type of work would appear to be consistent with other Kenai habitat projects supported by the Trustee Council, I am concerned about funding such work on a piecemeal basis, without the in-depth review that was used in Project /180. In addition, I understand that there are agency concerns about loss of wetlands due to the proposed restoration work. Do not fund.

## Trustee Council Action

Do not fund. Although the type of work proposed appears to be consistent with projects previously funded, I cannot recommend additional investment in new Kenai River projects given the Trustee Council's very substantial investment in sockeye research and management, habitat acquisition, and habitat restoration. In addition, the Alaska Department of Fish and Game has raised concerns about loss of wetlands through this proposal.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Dave Gibbons, Ph.D.  
Forest Supervisor  
Chugach National Forest  
3301 C Street Suite 300  
Anchorage, Alaska 99503

RE: Project 99382 / EVOS Information-Transfer Workshop for Managers

Dear Dr. Gibbons:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99382/EVOS Information-Transfer Workshop for Managers. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. However, it is still my intent to talk with you and representatives of the other state and federal resource management agencies over the winter to discuss how best to facilitate the translation of research findings into management tools, and to perhaps develop a revised proposal for future Council consideration.

A copy of the Council's action on your project is enclosed.

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99382	<i>Exxon Valdez Oil Spill Information-Transfer Workshop for Managers</i>	D. Gibbons/USFS	USFS	New 1st yr. 2nd yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> Communicating the results of the restoration program has been an ongoing activity for the Restoration Office. Scientists conducting restoration projects are encouraged to publish and present their results in order to make information available to the scientific community. The Trustee Council also works to communicate information to the public. One audience that has not been the focus of these efforts is the mid-level managers who make daily decisions in the management of injured resources and services throughout the spill area. These individuals may be informed about restoration activities conducted by their own agencies, but unaware of information gathered by other agencies. This project will facilitate communication of the restoration program with managers through a two-to-three day workshop specifically designed for management purposes. An interagency group will direct the workshop presentations by developing questions to be addressed and facilitating an extended question and answer period.			<u>Chief Scientist's Recommendation</u> This proposal addresses an important issue that is very relevant to restoration objectives, but the technical approach could be strengthened to ensure success. A successful workshop requires more preparation and follow-up than indicated and more pre-workshop interactions between managers and scientists to ensure useful products. No examples of the kinds of issues or questions to be addressed are included in the proposal. Thirty percent of the principal investigators' time would be in the scheduled meetings, and the remaining 14 days spread over the rest of the year need to be supplemented in order to accomplish better planning for the workshop. I will look forward to working with the US Forest Service, the Restoration Office, and other agencies to develop a revised proposal. Do not fund as proposed.			<u>Trustee Council Action</u> Do not fund. The goal of this project, which is to facilitate the transition of research findings into management tools for Alaska resource agencies, is an important one. However, there are questions about whether the proposed workshop is the most effective way to achieve this goal. A revised proposal may be considered after the Restoration Office has had the opportunity to discuss with all the state and federal resource management agencies other possible ways of approaching this issue.			



# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

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

RE: Project 99367 / Synthesis and Publication of Fisheries Research

Dear Mr. Willette:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$73,100 for Project 99367/Synthesis and Publication of Fisheries Research contingent on submitting a revised Detailed Project Description that lists four or five manuscripts that meet the Chief Scientist's approval. A copy of the Council's action on your project is enclosed. Please note that there is particular interest on the part of the peer reviewers in one or more manuscripts on straying being prepared.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99367, FY 2000 funding may be considered following a review of the FY 99 effort.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99367	Synthesis and Publication of Fisheries Research	M. Willette/ADFG	ADFG	New 1st yr. 4 yr. project	\$73.1	\$0.0			\$73.1

### Project Abstract

Many EVOS reports written by Alaska Department of Fish and Game staff provide key information on injured resources. However, some do not form stand-alone publications, and some contain information suitable for more than one article or are too bulky for publication in their current form. Additional synthesis and editing are needed to move these from report status to publication in the peer-reviewed literature. In this project, Alaska Department of Fish and Game staff will synthesize research reports into manuscripts that will then undergo peer review for consideration in the leading fisheries journals in North America.

### Chief Scientist's Recommendation

It is important to publish the results of earlier EVOS studies conducted by the Alaska Department of Fish and Game, including studies that document straying of tagged hatchery-produced fry into Prince William Sound pink salmon streams. I support such an effort with the inclusion of the principal investigators who performed the earlier studies. Fund contingent on review and approval of a list of four or five manuscripts.

### Trustee Council Action

Fund FY 99 only contingent on submittal of a revised Detailed Project Description that lists four or five manuscripts that meet the Chief Scientist's approval. The Detailed Project Description should list manuscript titles, authors, expected journals, and expected dates of submission. This project addresses one of the Trustee Council's priorities, which is publication of research results work. Funding in FY 2000 will depend on the project's progress to date and the availability of funds.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Robert H. Armstrong  
5870 Thane Road  
Juneau, Alaska 99801

Mary F. Willson  
Forestry Sciences Lab  
2770 Sherwood Lane Suite 2A  
Juneau, Alaska 99801-8545

Martin Robards  
USGS / BRD  
1011 East Tudor Road  
Anchorage, Alaska 99503-6199

Re: Project 99346 / Publication of an Indexed Bibliography of the Genus *Ammodytes* (Sand Lance)

Dear Mr. Armstrong, Ms. Willson and Mr. Robards:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$10,400 for Project 99346/Publication of an Indexed Bibliography of the Genus *Ammodytes* (Sand Lance). A copy of the Council's action on your project is enclosed. Please note funding is for completion of the publication.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

MMW

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99346	Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance)	R. Armstrong/UAA, M. Willson/USFS, H. Robards/DOI	USFS	Cont'd 2nd yr. 2 yr. project	\$10.4	\$0.0	\$0.0	\$0.0	\$10.4
<u>Project Abstract</u> This is a request for additional funding to cover the cost of publication because the bibliography is much larger than our original estimate (about three times larger). This manuscript includes about 2,000 references and will total about 440 pages, single spaced. The final publication will include two additional chapters, in addition to the bibliography -- a review of sand lance biology and sand lance as a cornerstone species. Both of these review chapters should enhance the value of the bibliography considerably. The manuscript will be published as a General Technical Report by the U.S. Forest Service, Pacific Northwest Research Station.			<u>Chief Scientist's Recommendation</u> The aim of this project is to publish a bibliography and several synthesis chapters regarding the life history and ecology of sand lance, a key forage fish species for seabirds and marine mammals. The principal investigators have requested additional support because of a much larger than anticipated number of references that need to be included. Compiling and publishing this bibliography will provide a valuable service to EVOS researchers (e.g., in the APEX project). Fund.			<u>Trustee Council Action</u> Fund. This project will result in publication of an annotated bibliography and synthesis chapters on the life history and ecology of sand lance, which is a small forage fish of great ecological importance in the spill area. The project was funded as a one-year project in FY 98. However, the principal investigators found many more citations than they had anticipated and need additional funds for printing costs. The results of this project will directly benefit the work of EVOS researchers in several projects (e.g., APEX/163).			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Mike Castellini, Ph.D.  
Alaska SeaLife Center  
PO Box 1329  
Seward, Alaska 99664

Re: Project 99341 / Harbor Seal Recovery: Controlled Studies of Health and Diet

Dear Dr. Castellini:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$194,200 for Project 99341/Harbor Seal Recovery: Controlled Studies of Health and Diet. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing an RSA will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency general administration) is \$124,100 for FY 2000 and \$85,400 for FY 2001. Funding projections will be reviewed on an annual basis.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99341	Harbor Seal Recovery: Controlled Studies of Health and Diet	M. Castellini/UAF	ADFG	Cont'd 2nd yr. 4 yr. project	\$194.2	\$0.0	\$124.1	\$85.4	\$403.

### Project Abstract

This project will continue a long-term study to quantify the impact of specific fish diets on the health and body condition of harbor seals. The ability to conduct such investigations under controlled conditions is now available at the Alaska SeaLife Center. This project will establish whether specific diets are nutritionally adequate to maintain seal health. Even though health status biomarkers for marine mammals in Prince William Sound were established during field trials (Project /001), the critical test of how each marker varies in an individual as a result of a specific prey item has not been established. While this project will focus on the issue of harbor seal health, the approach is potentially applicable to any of the injured top predators.

### Chief Scientist's Recommendation

The principal investigator has carried out a strong program in the field to assess the health status of harbor seals. However, to realize the full benefit of these field studies, they must be complemented by studies on harbor seal health in relation to diet in a controlled setting. This work is essential to the full evaluation of current hypotheses about limitations to the recovery of harbor seals. The revised proposal contains more specific information on experimental design and methods of data analysis. Fund.

### Trustee Council Action

Fund revised Detailed Project Description, which amplifies the experimental design/data analysis methods. This project will investigate the health and diet of harbor seals under controlled conditions at the Alaska SeaLife Center and enable scientists to test the validity of results from field studies. [NOTE: Funding includes \$69,100 for Alaska SeaLife Center bench fees.]

# Exxon Valdez Oil Spill Trustee Council

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

August 20, 1998



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

RE: Project 99333 / Sea Otter Monitoring  
Project 99502 / Native Village of Eyak Subsistence Meeting Hall  
Project 99503 / Restoration of Orca Inlet  
Project 99507 / Nuchek Subsistence Camp  
Project 99508 / Copper River Salmon Run Data Improvement Project

Dear Mr. Henrichs:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund the five projects listed above. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 99. A copy of the Council's action on your projects is enclosed.

In all, the Trustee Council funded 10 subsistence projects for FY 99, totaling nearly \$1 million. In December, the Council will consider an additional \$1.1 million for four more subsistence projects. Also, in August the Council approved \$1.8 million to implement the Kodiak waste management plan. A decision is expected soon on \$2.8 million for a regional archaeological repository and related facilities.

I appreciate your continued interest in the restoration program. If you have questions about this letter, please give me a call.

Sincerely,

Molly McCammon *for*  
Executive Director

Enclosure

cc: Catherine Berg, DOI Liaison  
MMW/y

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99502	Native Village of Eyak Subsistence Meeting Hall	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

This project will add meeting space to the Native Village of Eyak's new building, which is to be constructed during FY 99. This will allow subsistence meetings, both local and regional, to be held at Eyak/Cordova. [NOTE: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and detailed budget will need to be prepared.]

## Chief Scientist's Recommendation

This proposal, which would partially fund a meeting hall for the Native Village of Eyak, is probably not within the funding purview of the Trustee Council. Do not fund.

## Trustee Council Action

Do not fund. Although the Trustee Council has received requests in the past for facility construction in spill-region villages, such projects have been found not to be legally permissible.



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02,
99507	Nuchek Subsistence Camp	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 4 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

With the many battles over subsistence raging, there needs to be a way and place to pass the traditional subsistence way of life on to future generations. A perfect location would be Nuchek, located near Hinchinbrook Entrance on Hinchinbrook Island. This was the ancient home of many of the Aleuts in Alaska. Chugach Alaska Corporation has operated spirit camps at this location. These have gone over very well. These facilities could be used for "subsistence camps," where the subsistence way of life could be passed on to the younger generations. [NOTE: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and detailed budget will need to be prepared.]

## Chief Scientist's Recommendation

This proposal involves a good idea which has potential for reinvigorating subsistence in the Prince William Sound/lower Cook Inlet region. However, proposals of this type have not been funded by the Trustee Council in the past because of questions about their legal permissibility under the terms of the settlement agreement. Do not fund.

## Trustee Council Action

Do not fund. Although the Trustee Council has received requests in the past for spirit camps and other projects that would teach traditional methods of harvesting and related skills to youth, such projects have been found not to be legally permissible. The State's EVOS criminal fund subsistence grants, administered by the Alaska Department of Community and Regional Affairs, have been awarded for this purpose. In fact, the Nuchek Spirit Camp was established in 1995 with a criminal fund subsistence grant.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Marc G. Carls  
NOAA/NMFS Auke Bay Lab  
11305 Glacier Highway  
Juneau, Alaska 99801

Re: Project 99328 / Synthesis of the Toxicological and Epidemiological Impacts of the Oil Spill on Pacific Herring

Dear Mr. Carls:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$46,100 for Project 99328/Synthesis of the Toxicological and Epidemiological Impacts of the Oil Spill on Pacific Herring. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the only year the Trustee Council contributes to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99328	Synthesis of the Toxicological and Epidemiological Impacts of the Oil Spill on Pacific Herring	M. Carls/NOAA	NOAA	New 1st yr. 1 yr. project	\$46.1	\$0.0	\$0.0	\$0.0	\$46.1

## Project Abstract

This project will synthesize results of toxicological and epidemiological damage to Pacific herring (but not the ecological research still in progress), and compare Trustee-sponsored conclusions to those of Exxon investigators. EVOS researchers concluded that exposure to oil caused egg mortality, morphological and cytogenetic abnormalities, reduced growth, and immunosuppression in adults, but that effects on the population level were unknown. Exxon investigators concluded that the spill had a minor impact on herring eggs, and that the population did not decrease. A monograph for publication will be prepared and presented at the 10 Years After symposium.

## Chief Scientist's Recommendation

Synthesis of toxicological and epidemiological damage to Pacific herring will be quite valuable to the restoration effort. Fund.

## Trustee Council Action

Fund. This project responds to the *FY 99 Invitation's* request for proposals for synthesis of herring toxicological and disease studies and presentation of results at the 10 Years After symposium and in a refereed journal.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

The Honorable Jerome Selby  
Mayor  
Kodiak Island Borough  
710 Mill Bay Road  
Kodiak, Alaska 99615-6340

Re: Project 99304/Kodiak Island Borough Master Waste Management Plan

Dear Mayor Selby:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$1,857,100 for Project 99304/Kodiak Island Borough Master Waste Management Plan. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year the Trustee Council contributes to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Alex Viteri, ADEC Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99304	Kodiak Island Borough Master Waste Management Plan	J. Selby/Kodiak Island Borough	ADEC	Cont'd 2nd yr. 2 yr. project	\$1,857.1	\$0.0	\$0.0	\$0.0	\$1,857.1

### Project Abstract

This project will address marine pollution derived from land-based sources and waste management practices of the remote communities of Kodiak Island. A master waste management plan developed in Phase I (Project 97304) addressed community-based sources of marine pollution and resulted in four recommended initiatives. Phase II EVOS funding will provide a portion of the funding needed to implement the recommendation selected by the communities as the highest priority -- Systems Development: Fixing What is There. This comprehensive initiative of systems development will provide capital improvements to existing waste management systems and will promote local responsibility.

### Chief Scientist's Recommendation

As a result of an initial planning effort sponsored by the Trustee Council, the Kodiak Borough and seven Kodiak Island communities have put together what seems like an effective plan for reduction of marine pollution through improved handling and disposal of community wastes, such as oil. This proposal now seeks funds to implement aspects of the plan. There is significant cost sharing from the Kodiak Island Native Association and others, and a similar project has been planned and implemented in Prince William Sound. The amount of funds requested is substantial, and it is my understanding this would be funded separate from the FY 99 Work Plan. Fund.

### Trustee Council Action

Fund revised Detailed Project Description, which provides greater detail on technical service and personnel needs and the like. This project will upgrade and improve land fills, disposal sites and solid waste management, construct and install used oil and hazardous waste storage and disposal facilities and equipment, and provide for systems maintenance and repairs for the seven villages on Kodiak Island. Trustee Council funds will be used only for those activities that are not legal requirements of the Kodiak Island Borough or the city governments. The project has the potential to improve water quality in the coastal waters near these villages. [NOTE: This project will be funded outside of the regular FY 99 work plan of research, monitoring, and general restoration projects.]

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

The Honorable Jack Cushing  
Mayor  
City of Homer  
491 East Pioneer Avenue  
Homer, Alaska 99603

Re: Project 99314 / Homer Mariner Park Habitat Assessment and Restoration Design

Dear Mayor Cushing:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$99,500 for Project 99314/Homer Mariner Park Habitat Assessment and Restoration Design. A copy of the Council's action on your project is enclosed. Please note that the Council's funding of the study phase of the project is not a commitment to funding the implementation phase.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Carol Fries, ADNRL Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99314	Homer Mariner Park Habitat Assessment and Restoration Design	J. Cushing/City of Homer	ADNR	New 1st yr. 1 yr. project	\$99.5	\$0.0	\$0.0	\$0.0	\$99.5

### Project Abstract

In its present state, Mariner Park is a highly stressed marine habitat in decline. The area is experiencing a dramatic reduction in marine biota and shorebird populations while incompatible and environmentally destructive human uses flourish. From the results of a comprehensive feasibility study that includes botanical, biological, and hydrological field studies coupled to community information it is possible to develop a comprehensive habitat restoration and enhancement plan. This plan will establish the optimal hands-on restoration program to increase and diversify the intertidal fauna, which, in turn, will benefit migrating shorebirds and promote recreationally compatible use of the area by residents and tourists.

### Chief Scientist's Recommendation

This is a community-based general restoration project for a basic environmental assessment and feasibility study for the restoration of intertidal habitats in Mariner Park, at the base of Homer Spit. This may be one of the few opportunities in the spill area for direct restoration of intertidal resources, if this project is indeed feasible and ultimately carried out. Fund.

### Trustee Council Action

Fund. This project will produce a feasibility study and environmental review for restoration of an intertidal area damaged as a result of spill response efforts. Funding of the study phase of the project is not a commitment for Trustee Council funding to implement the project.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Daniel D. Roby, Ph.D.  
Oregon Coop Wildlife Research Unit  
104 Nash Hall, Oregon State University  
Corvallis, Oregon 97331-3803

Re: Project 99327 / Pigeon Guillemot Restoration Research at the Alaska SeaLife Center

Dear Dr. Roby:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$163,500 for Project 99327/Pigeon Guillemot Restoration Research at the Alaska SeaLife Center contingent on submittal and review of detailed budget forms. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition, documenting compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency general administration) is \$167,700 for FY 2000 and \$95,100 for FY 2001. Funding projections will be reviewed on an annual basis.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Lisa Thomas, DOI-USGS Liaison

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	D. Roby/Oregon State Univ.	DOI	Cont'd 2nd yr. 4 yr. project	\$166.1	\$0.0	\$167.7	\$95.1	\$428.9
<u>Project Abstract</u> 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.			<u>Chief Scientist's Recommendation</u> This proposal will provide a second year of support for work on pigeon guillemots at the Alaska SeaLife Center. The project is testing the feasibility of establishing a wild guillemot colony as a restoration technique, and it will develop information on blood biomarkers in response to oil exposure and examine the effects of diet on the growth of nesting guillemots. The principal investigators are excellent, and establishment of a wild guillemot colony at the Alaska SeaLife Center presents excellent opportunities for involvement by local students. Fund.			<u>Trustee Council Action</u> Fund contingent on submittal and review of detailed budget forms. This project will test a restoration method for pigeon guillemots and develop information on the effects of diet and oil on the blood chemistry and growth of nestling guillemots. The project is just now getting underway at the Alaska SeaLife Center. [NOTE: Funding includes \$5,500 for Alaska SeaLife Center bench fees.]			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Thomas C. Kline, Jr., Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

Re: Project 99311/Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers

Dear Dr. Kline:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$90,000 for Project 99311/Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers. A copy of the Council's action on your project is enclosed. Please note funding is for the final year of this project, including preparation of a final report.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99311	Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers	T. Kline/PWSSC	ADFG	Cont'd 2nd yr. 2 yr. project	\$90.0	\$0.0	\$0.0	\$0.0	\$90.0

### Project Abstract

The advective regime connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in Pacific herring. The Sound Ecosystem Assessment (Project \320) has shown that herring have significant dependence on Gulf of Alaska carbon. Herring are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. The first step in understanding how this fundamental environmental process affects herring recruitment is to isotopically analyze a time series of herring for which energetic data have been collected. This will expand upon the data series available from SEA (\320), providing a total four-year time period.

### Chief Scientist's Recommendation

This is the second year of a two-year project that has the possibility of showing the contribution of productivity in the Gulf of Alaska to productivity in Prince William Sound. Information linking the two systems is critical to interpreting how nutrients and carbon from the Alaska Coastal Current may be imported and incorporated in Prince William Sound organisms. This information will be important to long-term management of Prince William Sound fisheries. The cost of the project has increased, in part due to the necessary inclusion of Spring 1995 archived samples. Fund.

### Trustee Council Action

Fund. FY 99 will be the final year of this two-year project and will include preparation of a final report. This project examines the link between productivity in the Gulf of Alaska and productivity in Prince William Sound and could benefit management of fisheries in Prince William Sound.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

John F. Piatt, Ph.D.  
14722 NE 169th Street  
Woodinville, Washington 98072

Re: Project 99306 / Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet  
Project 99338 / Survival of Adult Murres and Kittiwakes in Relation to Forage Fish  
Abundance

Dear Dr. Piatt:

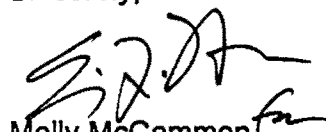
The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$30,000 for Project 99306/Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet and \$57,900 for Project 99338/Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance. A copy of the Council's action on these projects is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The funding projection for FY 2000 is \$20,000 for closeout of Project 99306 and \$45,000 for closeout of Project 99338. No further funding is projected for subsequent years. Funding projections will be reviewed on an annual basis.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Lisa Thomas, DOI-USGS Liaison  
MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	J. Piatt/USGS-BRD	DOI	Cont'd 3rd yr. 4 yr. project	\$30.0	\$0.0	\$20.0	\$0.0	\$50.0

### Project Abstract

This project will 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

This project is producing valuable information on sand lance, which is a forage fish of fundamental importance to many species of seabirds and other predators. The student and his advisors are excellent, and the cost is low relative to the amount of work being performed. Fund.

### Trustee Council Action

Fund. This project is yielding valuable information about sand lance, a small forage fish that is of great ecological importance, especially to seabirds and marine mammals injured by the oil spill. The work is very cost effective, and the results will be very helpful to APEX (Project /163) researchers as well as to other projects.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	J. Piatt/USGS-BRD	DOI	Cont'd 2nd yr. 3 yr. project	\$57.9	\$0.0	\$45.0	\$0.0	\$102.9

## Project Abstract

Some seabird populations damaged by the oil spill continue to decline or are not recovering. In order to understand the ultimate cause of seabird population fluctuations, productivity, recruitment, and adult survival must be measured. 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 banding and resighting to quantify the survival of adult common murres and black-legged kittiwakes.

## Chief Scientist's Recommendation

The proposal is for a second year of support to relate the survival of adult murres and kittiwakes in lower Cook Inlet to the abundance of forage fish. This project complements ongoing APEX (Project /163) work, and, indeed, the results of this project are very important for full interpretation of the APEX data. The project is relatively inexpensive and the principal investigator is excellent. Fund.

## Trustee Council Action

Fund. This project will provide information on whether the availability and quality of forage fish influence the survival of adult seabirds. The results will complement and be very important to the ongoing work in APEX (Project /163), which focuses on the influence of forage fish on annual reproductive success and productivity. In combination, this project and APEX will contribute to understanding of seabird recovery (or lack of recovery) following the oil spill.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

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

RE: Project 99289-BAA / Status of Black Oystercatchers in PWS

Dear Mr. Murphy:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99289/Status of Black Oystercatchers in PWS. The Council is tentatively scheduled to reconsider the project in mid-December following a review by the Chief Scientist of the project's FY 98 results. In order to meet this December schedule, please submit a write-up of your preliminary results to the Chief Scientist by December 1, 1998.

A copy of the Trustee Council's action on your project is enclosed. Please note that if additional work is deemed necessary after the Chief Scientist's review, the proposer and the proposer of the competing proposal 99480 will be provided the opportunity to submit Detailed Project Descriptions for specific further work.

In December, 16 deferred projects totaling approximately \$1.4 million will be considered. At its August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is possible that not all deferred projects will be funded.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

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

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99289-BAA	Status of Black Oystercatchers in Prince William Sound	S. Murphy/ABR, Inc.	NOAA	Cont'd 2nd yr.	\$0.0	\$232.6	\$0.0	\$0.0	\$0.0

### Project Abstract

This study will assess the status of the breeding population of black oystercatchers in Prince William Sound nine (1998) and ten (1999) years after the oil spill. Year 1 studies for this project are scheduled for summer 1998, but preliminary results from that initial monitoring effort will not be available until later in FY 98. Because the extent and focus of the Year 2 effort are contingent upon the findings of Year 1, this proposal primarily represents an estimate of the level of effort that will be required to more thoroughly examine persistent impacts to the breeding population of oystercatchers in Prince William Sound.

### Chief Scientist's Recommendation

Defer pending evaluation of at least preliminary results from current work on black oystercatchers (Project 98289).

### Trustee Council Action

Defer decision pending review of FY 98 effort. This project was funded in FY 98 as a one-year effort to assess the injury status of the black oystercatcher, with the scope of possible future work dependent on the results of the injury assessment. If additional work is deemed necessary following the review, this proposer and the proposer of the competing proposal 99480 will be provided the opportunity to submit Detailed Project Descriptions for specific further work. The 98289 Detailed Project Description calls for results to be written up in January 1999; an earlier date would better suit the Trustee Council's scheduled December 1998 decision meeting on deferred projects.



# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Glenn A. Seaman  
ADF&G Habitat & Restoration Division  
333 Raspberry Road  
Anchorage, Alaska 99518

RE: Project 99278 / Development of an Ecological Characterization and Site Profile for  
Kachemak Bay & Lower Cook Inlet

Dear Mr. Seaman:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$70,000 for Project 99278/Development of an Ecological Characterization and Site Profile for Kachemak Bay & Lower Cook Inlet. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency general administration) is \$35,000 for FY 2000; this will be reviewed again next year.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MMty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99278	Development of an Ecological Characterization and Site Profile for Kachemak Bay/Lower Cook Inlet	G. Seaman/ADFG	ADFG	New 1st yr. 2 yr. project	\$70.0	\$0.0	\$35.0	\$0.0	\$105.0

### Project Abstract

This project will develop an ecological characterization and site profile to collect, synthesize, analyze, and document available physical, biological, and human or socioeconomic information on the Kachemak Bay/Lower Cook Inlet area. The project will result in the development of a database management system with products produced in electronic format and on paper. Project components include (1) an ecosystem narrative description; (2) a spatial data component using a Geographic Information System (GIS); and (3) an annotated bibliography and research summary/tracking system. EVOS funds will focus on the spatial data component and annotated bibliography. The products will be used to (1) identify future restoration opportunities, (2) assist in the use and protection of land, (3) plan for a possible long-term ecological monitoring and research program in the Northern Gulf of Alaska, and (4) assist in agency management and planning for the Lower Cook Inlet area.

### Chief Scientist's Recommendation

This proposal is a significant improvement over the version submitted last year, and the principal investigators have worked hard to address the concerns previously raised. The project will be most useful to make local resource management decisions, and the value of the digital products, aside from the GIS, is not established well in the proposal. It does seem likely that a watershed management program for Kachemak Bay will improve our ability to sustain fisheries and wildlife in the region, and thus enhance resources and services injured by the spill. The proposal demonstrates excellent cost sharing with the National Oceanic and Atmospheric Administration, which is appropriate given the objectives of the project. The objectives establishing a GIS-based spatial data set and producing an annotated bibliography, as are now in the revised Detailed Project Description, appear to be the most valuable and should be funded.

### Trustee Council Action

Fund revised Detailed Project Description, which limits the Trustee Council contribution to objectives 2 and 3, the GIS-based spatial data set and the annotated bibliography. The Kachemak Bay watershed management program being developed through the National Estuarine Research Reserve process, of which these products are a part, will improve the ability to sustain fish and wildlife resources in the region, and thus enhance resources and services injured by the oil spill.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Walter Meganack, Jr.  
Port Graham Village Council  
PO Box 5569  
Port Graham, Alaska 99603-6669

RE: Project 99263 / Assessment, Protection and Enhancement of Salmon Streams  
in Lower Cook Inlet

Dear Mr. Meganack, Jr.:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99263/Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet. The deferral reflects a concern that the construction schedule outlined in the FY 98 Detailed Project Description (May 15-July 1, 1998) was not met and that a Title 16 permit for the Windy Creek component has not yet been issued. The Council is tentatively scheduled to reconsider the project in mid-December pending satisfactory completion of the FY 98 scope of work.

At the August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. In December, 16 deferred projects totaling approximately \$1.4 million will be considered. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is possible that not all deferred projects will be funded.

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

Sincerely,

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

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99263	Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet	W. Meganack, Jr./Port Graham Corporation	ADFG	Cont'd 3rd yr. 4 yr. project	\$0.0	\$42.1	\$23.5	\$0.0	\$23.5

## Project Abstract

This project will replace lost subsistence services by constructing enhancement projects on two of the major salmon streams in the lower Cook Inlet spill area. Port Graham Corporation management, with advice from an Alaska Department of Fish and Game fisheries specialist, will supervise the project and coordinate with a professional fisheries scientist and resource consultants. Local subsistence users will be employed as technical assistants during the field survey and during construction of the habitat improvement structures. In FY 98, two projects are being implemented: construction of a fish pass on the Port Graham River and a rearing pond on Windy Creek Left. In FY 99, the success of these two projects will be monitored and vegetation will be planted around the rearing ponds.

## Chief Scientist's Recommendation

This project's objective depends on successful completion of permitting, design, and construction in FY 98. If it meets its FY 98 objectives, it is appropriate to monitor results. However, no new instream construction and enhancement projects should be undertaken other than planting vegetation around existing nursery ponds. Defer until FY 98 work is complete.

## Trustee Council Action

Defer decision pending satisfactory completion of FY 98 construction of stream improvements. If funded, funding will include new objective to plant vegetation around the rearing ponds on Windy Creek Left. The goal of this project is to protect and enhance salmon streams important to the restoration of subsistence in the Port Graham area. FY 98 funding was provided in two phases: Phase 1 (NEPA, permitting, engineering/design) is currently underway; Phase 2 (construction) will be authorized upon the completion of Phase 1.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

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

RE: Project 99252 / Investigations of Genetically Important Conservation Units  
of Rockfish and Walleye Pollock

Dear Drs. Seeb and Seeb:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$232,500 for Project 99252/Investigations of Genetically Important Conservation Units of Rockfish and Walleye Pollock contingent on (a) submittal and approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns as described in his letter to the Executive Director dated August 18, 1998 and (b) submittal of the 97191A annual report. A copy of the Council's action on your project is enclosed. If in responding to peer review comments you find that there is opportunity to reduce the cost of this project in FY 99, any budget savings would be welcomed on our part.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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U.S. Department of Agriculture	Alaska Department of Environmental Conservation
National Oceanic and Atmospheric Administration	Alaska Department of Law

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. Regarding Project 99252, funding for FY 2000 will be considered following review of the preliminary results of the FY 99 work.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest and look forward to working with you to develop a revised proposal that is responsive to the needs of your department and the Restoration Office and which is favorably recommended by our outside reviewers.

Sincerely,

  
Molly McCammon  
Executive Director

Enclosures

cc: Claudia Slater, ADF&G Liaison

MM/ty

August 18, 1998

Ms. Molly McCammon  
Executive Director  
Exxon Valdez Oil Spill Trustee Council  
645 G Street, Suite 401  
Anchorage, Alaska 99501

Dear Molly,

I have now received two sets of comments from reviewers for the revised proposal "Investigations of genetically important conservation units of species inhabiting the EVOS area" (99252). Both reviewers have major criticisms of the revised proposal, as you can see from the attached comments. I believe that the proposers can do the work in a way that is defensible and cost effective and have results that are useful to management. However, it is clear from the reaction of the reviewers that the P.I.s have not been convincing in the revised proposal with regard to several issues. On August 13, the trustee Council approved funding for this project, contingent on approval of a revised proposal. As Chief Scientist here are the specific issues that I would like to have addressed:

1. **Testable hypotheses:** the authors should outline specific null hypotheses and justify why this research is necessary. Implicit in their present approach is a null hypothesis of genetic homogeneity.
2. **Sample sizes:** The reviewers raise several issues about sample sizes and collection of sample replicates in space and time. These questions need further discussion.
3. **Use of null alleles:** The time that is proposed to investigate null alleles would be better spent identifying new markers. The proposal should directly address this issue.
4. **Use of allozymes:** There are no convincing arguments now in the proposal for using allozymes for pollock, as opposed to other nuclear markers that might have more variability. This issue needs to be discussed.
5. **Management applications:** The authors should outline specifically how the rejection of the null hypothesis of genetic homogeneity, that is the data show that there is significant heterogeneity, should result in different management actions than those that now occur.



Once a revised proposal is received I will go back to the reviewers for further comment. It is my hope that those reviews will be favorable and that, absent a favorable review that you will not authorize the FY99 spending. From reaction of the reviewers, I would also require stronger budget justification, since it appears that similar work is being done elsewhere for a much lesser cost.

Sincerely,



Robert B. Spies  
Chief Scientist

cc: S. Senner  
S. Schubert



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99252	Investigations of Genetically Important Conservation Units of Rockfish and Walleye Pollock	J. Seeb, L. Seeb/ADFG	ADFG	Cont'd 2nd yr. 5 yr. project	\$232.5	\$0.0			\$232.5

## Project Abstract

This project will consolidate an array of requests from the commercial fisheries industry for discrete stock research into a single proposal for work that the Alaska Department of Fish and Game will conduct at its Anchorage genetics laboratory. Also, the Alaska Department of Fish and Game proposes to develop experimental fish runs at the Alaska SeaLife Center; these are essential for study of genetics, physiology, or diseases of anadromous fish proposed by University of Montana, University of Alaska, or the Alaska Department of Fish and Game and other principal investigators seeking to conduct research at the Seward facility.

## Chief Scientist's Recommendation

This project was funded in FY 98 recognizing that measures of possible genetic differences within fish stocks are an important starting point for a better understanding of population genetics and, eventually, how to best manage the fishery to protect genetic diversity. Although preliminary work is underway on rockfish and pollock, the proposal for FY 99 work needs to be strengthened. It is recommended that the project be funded contingent on receipt of a revised proposal that is favorably reviewed. The revised proposal should address (1) the relationship among any genetically important "units" and the production and health of the population in the Gulf of Alaska, (2) more interpretation of the recent and expanding literature on microsatellites and population structure in fishes relative to the goals and methods for this project, (3) elaboration of reasonable and testable hypotheses, (4) specifically how the results of this study might be incorporated into better management of these species, and (5) other reviewer comments as will be outlined in a letter to follow.

## Trustee Council Action

Fund contingent on (1) submittal and approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns and (2) submittal of late reports (97191A, ~~97190~~). This project is just getting underway in FY 98 at the Alaska SeaLife Center, and it will explore genetic stock structures of rockfish and pollock in the Gulf of Alaska. Rockfish were injured by the oil spill, and a pollock fishery has developed in Prince William Sound to replace other lost fishing opportunities. [NOTE: Funding includes \$32,500 for Alaska SeaLife Center bench fees.]

*Rec'd 8-17-98/m*

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Ephrim Anahonak, Jr.  
Port Graham Hatchery  
PO Box 5544  
Port Graham, Alaska 99603-5544

RE: Project 99225 / Port Graham Pink Salmon Subsistence Project

Dear Mr. Anahonak, Jr.:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$75,600 for Project 99225/Port Graham Pink Salmon Subsistence Project contingent on the temporary incubation facility being up and running. A copy of the Council's action on your project is enclosed. Please notify me by letter as soon as the temporary incubation facility is in operation.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the conditions, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future funding projection for your project is \$75,000 in FY 2000, which is expected to be the final year of Trustee Council contribution to the project.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99225	Port Graham Pink Salmon Subsistence Project	E. Anahonak/Port Graham IRA Council	ADFG	Cont'd 4th yr. 5 yr. project	\$75.6	\$0.0	\$75.0	\$0.0	\$150.6
<p><u>Project Abstract</u></p> <p>This project will help supply pink salmon for subsistence use in the Port Graham area during the broodstock development phase of the Port Graham hatchery. Because local runs of coho and sockeye salmon, the more traditional salmon subsistence resource, are at low levels pink salmon are being heavily relied on for subsistence. This project will help ensure that pink salmon remain available for subsistence use until the more traditional species are rejuvenated. Two strategies are being employed: increasing fisheries management surveillance to maximize use of the adult pink salmon return and increasing marine survival of hatchery produced pink salmon.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>This project has been making satisfactory progress toward its objectives. However, the loss in a fire of the Port Graham hatchery could make it difficult to achieve this project's objective of providing pink salmon for local subsistence use. A temporary alternative building has been identified, which may allow project completion. Fund contingent on establishing the alternative facilities for hatchery operations.</p>			<p><u>Trustee Council Action</u></p> <p>Fund contingent on the temporary incubation facility being up and running. This project is supplying pink salmon in the Port Graham area during the broodstock development phase of the Port Graham hatchery, replacing runs of coho and sockeye salmon depleted since the oil spill. Although a January 1998 fire destroyed the hatchery facility, steps have since been taken through the reprogramming of Project 98225 funds and a grant from the State's EVOS criminal fund to set up a temporary incubation facility. This should allow the broodstock development process to stay on track. Trustee Council funding will end in FY 2000, which is when the broodstock development phase is to be complete.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Vicki Friesen, Ph.D.  
Department of Biology  
Queen's University  
Kingston, ON K7L 3N6 CANADA

John F. Piatt, Ph.D.  
14722 NE 169th Street  
Woodinville, Washington 98072

Re: Project 99169 / A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets to the Gulf of Alaska

Dear Drs. Friesen and Piatt:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$92,700 for Project 99169/A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets to the Gulf of Alaska. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project is \$13,800 for project closeout in FY 2000. No further funding is projected for subsequent years. Funding projections will be reviewed on an annual basis.

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

Sincerely,

  
Molly McCammon  
Executive Director

cc: Lisa Thomas, DOI-USGS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99169	A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets in the Gulf of Alaska	V. Friesen/Queen's Univ., J. Piatt/USGS-BRD	DOI	Cont'd 3rd yr. 4 yr. project	\$92.7	\$0.0	\$13.8	\$0.0	\$106.5
<p><u>Project Abstract</u></p> <p>Populations of common murres, pigeon guillemots, and marbled and Kittlitz's murrelets suffered high mortalities following the spill. This project will continue the analyses of mitochondrial DNA, microsatellites, and introns to measure genetic differentiation and gene flow among colonies of these species. This project will aid restoration by (1) determining the geographic limits of populations affected by the spill, (2) identifying sources and sinks, and (3) identifying appropriate reference or 'control' sites for monitoring. As incidental results, it will also reveal cryptic species and subspecies, indicate the importance of inbreeding and small effective population sizes in restricting recovery, and suggest suitable source colonies for translocations.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>This is a well configured and cost-effective proposal for continued funding of a project that may provide information useful to management of seabird populations in the Gulf of Alaska. There are some uncertainties regarding how methods will be calibrated to allow effective application of coalescence theory, but this issue should be able to be addressed as the project goes forward. Fund.</p>			<p><u>Trustee Council Action</u></p> <p>Fund. This project is exploring genetic variations and relationships among seabirds both within and beyond the oil-spill area. This information will help in the development of appropriate strategies for the restoration and long-term management of seabirds, including clarifying the geography of populations affected by the oil spill.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

David Cameron Duffy, Ph.D.  
Pacific Coop, Department of Botany  
University of Hawaii  
3190 Maile Way  
Honolulu, Hawaii 96822

Re: Project 99163 / APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska

Dear Dr. Duffy:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$1,986,100 for Project 99163/APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project is \$900,100 for closeout in FY 2000. No further funding is projected for subsequent years. Funding projections will be reviewed on an annual basis.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99163	APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska	D. Duffy/Paumanok Solutions	NOAA	Cont'd 6th yr. 7 yr. project	\$1,986.1	\$0.0	\$900.1	\$0.0	\$2,886.2
<u>Project Abstract</u> This project uses seabirds as probes of the trophic (foraging) environment of Prince William Sound and compare their reproductive and foraging biologies, including diet, with similar measurements from Cook Inlet, an area with apparently a more suitable food environment. These measurements will be compared with hydroacoustic, aerial, and net sampling of fish to calibrate seabird performance with fish distribution and abundance. This will allow a determination of the extent to which food limits the recovery of seabirds from the oil spill. Historical data from a variety of sources will be used to detect shifts in forage fish abundance and to test hypotheses explaining such shifts.			<u>Chief Scientist's Recommendation</u> This project is producing important results that can have immediate application to management and restoration of injured species. This project was recently the subject of a detailed scientific review. Key technical issues raised in the review include (1) adequate groundtruthing of aerial surveys and (2) refocusing the acoustic program on the key issues of multi-species assessment and herring target strength determination. Delays in supplying properly scaled hydroacoustic estimates of fish abundance are a major concern for principal investigators in making their conclusions about fish-bird relationships. These issues should be addressed in FY 99. Fund.		<u>Trustee Council Action</u> Fund. The APEX project is investigating the regulation of seabird populations in relation to the availability and quality of forage fish, such as herring and sand lance. This ecosystem-scale project has important implications for the recovery of several seabird species injured by the oil spill, and it already has yielded insights about long-term changes in the Gulf of Alaska ecosystem. The project leadership has made good use of adaptive management in FY 98, although there continue to be some technical concerns, particularly in regard to the analysis and application of hydroacoustic data on fish abundance. The APEX project leaders also must plan now for the orderly closeout of this work in FY 00, not in FY 01 as has been indicated by some of the subproject principal investigators.				

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

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

Re: Project 99162B/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts & Conference Attendance (Part B)

Dear Dr. Kennedy:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$13,400 for Project 99162B/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts & Conference Attendance (Part B). A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the only year the Trustee Council contributes to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99162B	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part B)	J. Kennedy/Simon Fraser Univ.	ADFG	Cont'd 5th yr. 5 yr. project	\$13.4	\$0.0	\$0.0	\$0.0	\$13.4
<u>Project Abstract</u> This project will publish and present manuscripts of the results of Project /162 as they relate to effects of environmental contamination and disease on herring fitness. The effects of viral hemorrhagic septicemia virus (VHS), <i>Ichthyophonus hoferi</i> , and hydrocarbon exposure were examined to determine their role in population declines experienced by Pacific herring populations in Prince William Sound in 1993 and 1994. Both adult and juvenile herring were used to determine the effects of biochemistry, immunocompetence, performance and reproduction.			<u>Chief Scientist's Recommendation</u> In many instances, research results gathered in a multiyear project are not properly synthesized and this proposal will accomplish that goal for the several years of work on herring disease. This has been an excellent project and the principal investigators have excellent track records in EVOS studies. This material has important implications for herring management and it should be published so it can be widely available. Fund.			<u>Trustee Council Action</u> Fund. This project, which is closing out in FY 98 (final data analysis and preparation of a final report), has investigated the potential link between oil exposure and disease in herring, and between disease and the herring population decline in Prince William Sound. FY 99 funding will produce four manuscripts based on study results related to the effect of oil on herring swimming physiology.			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

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

Re: Project 99162A/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts & Conference Attendance (Part A)

Dear Dr. Kocan:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$58,600 for Project 99162A/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts & Conference Attendance (Part A). A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the only year the Trustee Council contributes to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99162A	Investigation of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part A)	R. Kocan/Univ. Washington	ADFG	Cont'd 5th yr. 5 yr. project	\$58.6	\$0.0	\$0.0	\$0.0	\$58.6

### Project Abstract

This project will prepare at least five manuscripts dealing with the research activities funded by the Trustee Council under Project /162. At least five additional subjects are covered by the existing data: (1) survival of viral hemorrhagic septicemia (VHS) virus in sea water, (2) the natural history of VHS in wild herring, (3) serologic conversion and immunity in wild herring following an epizootic of VHS, and (4) age-related immunity demonstrated in laboratory-reared herring. Additional publications on the effect of net pens on VHS transmission and the presence of VHS-RNA in wild herring tissues as demonstrated by PCR are anticipated, depending on results of FY 98 studies.

### Chief Scientist's Recommendation

In many instances, research results gathered in a multiyear project are not properly synthesized. This has been an excellent project and the principal investigators have very good records of achievement in EVOS studies. This material has important implications for herring management and it should be published. This project will accomplish that end. Fund.

### Trustee Council Action

Fund. This project, which is closing out in FY 98 (final data analysis and preparation of a final report), has investigated the potential link between oil exposure and disease in herring, and between disease and the herring population decline in Prince William Sound. FY 99 funding will produce a minimum of five manuscripts based on study results related to disease transmission.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Brian Lance  
U.S. Fish & Wildlife Service  
Nongame Migratory Bird Program  
1011 East Tudor Road  
Anchorage, Alaska 99503

David Irons, Ph.D.  
U.S. Fish & Wildlife Service  
1011 East Tudor Road  
Anchorage, Alaska 99503

Re: Project 99159/Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication Writing

Dear Mr. Lance and Dr. Irons:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$37,000 for Project 99159/Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication Writing contingent on submittal to a peer-reviewed journal of the manuscript previously promised under Project 97159. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99159, funding for FY 2000 will be considered after analysis of the FY 98 survey results.

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

Sincerely,

  
Molly McCammon  
Executive Director

cc: Catherine Berg, DOI-USFWS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99159	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication Writing	B. Lance, D. Irons/USFWS	DOI	Cont'd 6th yr. 9 yr. project	\$37.0	\$0.0			\$37.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
Small boat surveys to monitor abundance of marine birds in Prince William Sound were conducted during March 1990, 1991, 1993, 1994, 1996, and 1998 and July 1989, 1990, 1991, 1993, 1996, and 1998. This project will use the data to examine trends by determining whether populations in the oiled zone changed at the same rate as those in the unoiled zone. It will also examine overall population trends for Prince William Sound from 1989-98, and prepare an annual report and a paper for publication.		This project will analyze, interpret, and report on data from marine bird boat surveys being conducted in FY 98. These surveys are the basic tool for monitoring the recovery status of a suite of marine birds, and the results of this project are needed in advance of the 10 Years After symposium. Fund.		Fund contingent on submittal to a peer-reviewed journal of the manuscript previously promised under Project 97159 (the manuscript is currently under review by the Chief Scientist). This project will report on the results of FY 98 boat surveys for marine birds and mammals in Prince William Sound. These surveys are important because they are the primary means of monitoring an entire suite of coastal birds and other wildlife. This information will be very timely for the 10 Years After symposium. Funding for FY 2000 will be considered following an analysis of the FY 98 survey results.					

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Gordon H. Reeves, Ph.D.  
USFS, Pacific NW Research Station  
3200 SW Jefferson Way  
Corvallis, Oregon 97331

Kenneth P. Currens, Ph.D.  
Northwest Indian Fisheries Commission  
6730 Martin Way E.  
Olympia, Washington 98516

Re: Project 99145-CLO/Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms


Dear Dr. Reeves and Dr. Currens:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$50,100 for Project 99145-CLO/Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms. Please note funding is for project close-out (final data analysis, report writing and manuscript preparation) only. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99145-CLO	Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms	G. Reeves/USFS, K. Currens/Northwest Indian Fisheries Commission	USFS	Cont'd 4th yr. 4 yr. project	\$50.1	\$0.0	\$0.0	\$0.0	\$50.1
<u>Project Abstract</u> This project is determining 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 99, analysis will continue of genetic, meristic, and life-history features of each group, which were sampled in FY 96 and FY 97. This project received close-out funds in FY 98; this one-year extension is requested because it has taken longer to complete the genetic analysis than originally thought. Results from this study will allow development of a long-term, comprehensive and ecologically sound restoration strategy for these fish.			<u>Chief Scientist's Recommendation</u> This work is important to more fully understand development of the injury and recovery status of Dolly Varden and cutthroat trout. The new information gained about the biology of these species will also aid management in Prince William Sound. The investigators need to fully analyze and explore the data relative to possible recent severe population bottlenecks and to fully interpret the lack of congruence between the mtDNA and microsatellite results. I recommend funding of \$50,000 toward the full analysis of genetic data and production of a manuscript suitable for publication.			<u>Trustee Council Action</u> Fund project closeout (final data analysis, report writing, and manuscript preparation). This project is evaluating genetic and other relationships between resident and anadromous forms of cutthroat trout and Dolly Varden in Prince William Sound. Although scheduled to close-out in FY 98, the project has been slowed by the need to develop additional tools for the analysis of mtDNA and microsatellite DNA, and funding in FY 99 is necessary to complete data analysis and prepare a final report. This project will aid understanding of injury to and recovery of these fish species, and has important implications for restoration and management.			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Brad A. Andres, Ph.D.  
Nongame Migratory Bird Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Road  
Anchorage, Alaska 99503-6119

RE: Project 99480 / Abundance and Reproductive Success of Black Oystercatchers  
in PWS

Dear Dr. Andres:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99480/Abundance and Reproductive Success of Black Oystercatchers in PWS. The Council is tentatively scheduled to reconsider the project in mid-December following a review by the Chief Scientist of the work currently underway on black oystercatchers (Project 98289).

A copy of the Trustee Council's action on your project is enclosed. Please note that if additional work is deemed necessary after the Chief Scientist's review, you and the proposer of the competing proposal 99289 will be provided the opportunity to submit Detailed Project Descriptions for specific further work.

In December, 16 deferred projects totaling approximately \$1.4 million will be considered. At its August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is possible that not all deferred projects will be funded.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Catherine Berg, DOI-USFWS Liaison  
MMW



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99480	Abundance and Reproductive Success of Black Oystercatchers in Prince William Sound	B. Andres/USFWS	DOI	New 1st yr. 1 yr. project					
<u>Project Abstract</u> The black oystercatcher was determined to be injured by the oil spill and the status of its recovery is unknown. This project will survey shorelines on Knight, Green, and Montague islands to determine breeding pair occupancy and productivity. This information will be compared with data gathered from 1991 to 1993 along the same shorelines. Additional information will be collected on predator densities and invertebrate prey densities to determine the influence of these factors on occupancy and productivity. Data collected in 1999 will demonstrate recovery of black oystercatchers if (1) more pairs are occupying Knight Island in 1999 than in 1993, (2) the population on Green Island is increasing or stable, and (3) productivity is similar, when accounting for predation pressure and food availability, between Green and Knight islands.			<u>Chief Scientist's Recommendation</u> Defer pending evaluation of at least preliminary results from current work on black oystercatchers (Project 98289).			<u>Trustee Council Action</u> Defer pending review of the results of Project 98289, which was funded in FY 98 as a one-year effort to assess the injury status of the black oystercatcher. If additional work is deemed necessary following the review, this proposer and the proposer of the competing proposal 99289 will be provided the opportunity to submit Detailed Project Descriptions for specific further work. The 98289 Detailed Project Description calls for results to be written up in January 1999; an earlier date would better suit the Trustee Council's scheduled December 1998 decision meeting on deferred projects.			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Gary Thomas, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

Vince Patrick, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

Kenric E Osgood, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99467-BAA / Assessment of the Interannual Variability of Pelagic Production in PWS

Dear Drs. Thomas, Patrick and Osgood:

The Exxon Valdez Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99467/Assessment of the Interannual Variability of Pelagic Production in PWS. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99467-BAA	Assessment of the Interannual Variability of Pelagic Production in Prince William Sound	G. Thomas, V. Patrick, K. Osgood/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
The Sound Ecosystem Assessment (Project /320) has developed the first generation of models to predict pink salmon population changes as a result of natural causes so that they can be separated from anthropogenic causes, such as oil spills. The two models developed are a physical-biological model (circulation and plankton) and a nekton model. This project will initiate a program that will systematically measure weather conditions, physical conditions and plankton for input to the physical-biological model, and will measure macrozooplankton and pelagic nekton as input to the nekton model. These data will be collected with remote sensors and on a vessel of opportunity to make the model-based monitoring very cost-effective. These data are essential for the development of second generation models that can be used by management to now-cast population changes of key resources in Prince William Sound.		This project proposes to build upon the first generation of models developed under SEA (Project /320) to predict pink salmon population changes, but these models have yet to be produced by SEA. I find it difficult to invest in development of second-generation models until the results of developing first-generation models are available. Do not fund.		Do not fund based on technical review. This proposal is premature given that the results of the first generation of SEA (Project /320) models are not yet available.					

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Gail Irvine, Ph.D.  
USGS / BRD  
1011 East Tudor Road  
Anchorage, Alaska 99503

RE: Project 99459 / Residual Oiling of Armored Beaches and Mussel Beds in the Gulf of Alaska

Dear Dr. Irvine:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99459/Residual Oiling of Armored Beaches and Mussel Beds in the Gulf of Alaska. The Council is tentatively scheduled to reconsider the project in mid-December following further review of funding priorities.

At the August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. In December, 16 deferred projects totaling approximately \$1.4 million will be considered. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is likely that not all deferred projects will be funded.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Lisa Thomas, DOI-USGS Liaison  
Bruce Wright, NOAA Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99459	Residual Oiling of Armored Beaches and Mussel Beds in the Gulf of Alaska	G. Irvine/USGS-BRD, D. Mann/UAF, J. Short/NOAA	DOI	New 1st yr. 2 yr. project	\$0.0	\$124.9	\$40.0	\$0.0	\$40.0
<p><u>Project Abstract</u></p> <p>For at least five years after the spill, oil mousse persisted on the exposed rocky shores of the Alaska and Kenai peninsulas in a remarkably unweathered state. This project will resample these boulder-armored beach sites that were last studied in 1994. In addition, several oiled mussel beds in the Gulf of Alaska that had relatively high levels of oiling in 1993 will be resampled, to compare residual oiling of these with oiled mussel beds in Prince William Sound. A mixture of qualitative and semi-quantitative approaches will be used.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>The possible continued presence of oil on what many people consider one of the greatest wilderness coasts in the National Park System may represent continuing injury from the oil spill. The proposal has been revised to document continued oiling with mostly qualitative techniques. I would recommend funding this proposal in FY 99, but only if there are sufficient funds.</p>			<p><u>Trustee Council Action</u></p> <p>Defer decision pending further review of funding priorities. This project will monitor the persistence of oil at sites previously monitored in FY 94 along the coasts of Kenai Fjords and Katmai national parks, which will provide important status information ten years after the spill. However, it is not critical that this work be performed in FY 99. In the Kodiak region, the final round of shoreline monitoring took place in FY 95. In Prince William Sound, shoreline sites cleaned in FY 97 near the community of Chenega Bay are being revisited in FY 98 (Project /291). It may be appropriate to conduct another, more comprehensive round of shoreline monitoring in Prince William Sound in two to three years.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

A.J. Paul, Ph.D.  
University of Alaska Fairbanks  
Institute of Marine Science  
PO Box 730  
Seward, Alaska 99664-1197

RE: Project 99432 / Proximate and Ultimate Effects of Crude Oil on the Intertidal Fish, High Cockscomb

Dear Dr. Paul:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99432/Proximate and Ultimate Effects of Crude Oil on the Intertidal Fish, High Cockscomb. The Council is tentatively scheduled to reconsider the project in mid-December, following further consideration of the need for and approaches to additional P-4501A work. A copy of the Trustee Council's action on this project is enclosed.

I understand that the graduate student whom you intended to have work on this project may choose to pursue other non-EVOS project options. Would you let me know if this is the case, especially if there is no longer interest in developing Project 99432 for action at this time. Otherwise the Chief Scientist expects to work on this matter in September, and you will be hearing more from him or Stan Senner. If the Chief Scientist recommends that the Trustee Council fund some version of this project, we will need a revised Detailed Project Description and budget in advance of the December meeting of the Trustee Council.

At the August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. In December, 16 deferred projects totaling approximately \$1.4 million will be considered. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is possible that not all deferred projects will be funded.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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Alaska Department of Law

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99432	Proximate and Ultimate Effects of Crude Oil on the Intertidal Fish, High Cockscomb	A.J. Paul/UAF	ADFG	New 1st yr. 3 yr. project	\$0.0	\$69.3	\$37.0	\$48.2	\$85.2
<u>Project Abstract</u> The high cockscomb is an abundant intertidal fish of Prince William Sound that had elevated hepatic P-4501A levels after the oil spill. This study's first objective is to examine possible continued sublethal effects by determining hepatic P-4501A levels in Prince William Sound cockscombs ten years after the spill. Sublethal exposure to oil is often lethal in the long term because it reduces an organism's fitness through altered reproduction. Elevated P-4501A levels in Prince William Sound cockscombs were primarily due to living on oiled sediment. Therefore, the second objective is to determine how living on oiled sediment affects spawning behavior, maternal care of the eggs, and embryonic development.			<u>Chief Scientist's Recommendation</u> This is an excellent scientific proposal from a well qualified principal investigator. It would provide detailed information on the reproductive biology and oil toxicology of a common intertidal fish in the spill area. Reexamination of P-4501A induction of this species to see if effects seen earlier persist is a worthy goal. A two-stage approach may be appropriate, focused in the first year on particular nearshore areas where oil persists and possibly in a second year, if appropriate, on possible physiological implications of continued P-4501A (CYP1A) induction. Second year investigations would be appropriate if field results showed a link between induction and oil remaining in the environments. Laboratory experiments should be carried out at environmentally appropriate doses. Defer until this and a similar proposal (Project /379) can be considered together in relation to our objectives for documenting concentrations of oil remaining in oiled mussel beds.			<u>Trustee Council Action</u> Defer decision pending further consideration of additional P-4501A work. If funded, funding will be contingent on submittal and review of a revised Detailed Project Description and budget which focus in the first year on particular nearshore areas, such as oiled mussel beds, where oil persists and in a second year, if appropriate, on possible physiological implications of continued P-4501A induction. This project would use the high cockscomb to evaluate the effects on intertidal fish of living on oiled sediment. Intertidal fish are an important food for many of the seabirds injured by the oil spill. [NOTE: Funding includes \$2,900 for Alaska SeaLife Center bench fees.]			

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Thomas C. Kline, Jr., Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99393-BAA / PWS Food Webs: Structure and Change

Dear Dr. Kline:

On August 13, 1998, the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 1999 Work Plan. At that meeting, the Council voted to defer action on Project 99393/PWS Food Webs: Structure and Change. The Council is tentatively scheduled to reconsider the project in mid-December following further review of funding priorities.

At the August 13 meeting, the Trustee Council authorized projects totaling \$10.3 million. In December, 16 deferred projects totaling approximately \$1.4 million will be considered. The targeted amount for the FY 99 Work Plan is \$10-12 million, so it is possible that not all deferred projects will be funded.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

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

MM/ty



## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99393-BAA	Prince William Sound Food Webs: Structure and Change	T. Kline/PWSSC	NOAA	New 1st yr. 4 yr. project	\$0.0	\$125.0	\$143.6	\$114.6	\$258.2

### Project Abstract

Recent research has shown that the advective regime connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in fishes. Accordingly, food webs are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. This project seeks to (1) conduct retrospective analysis of GOA production shifts since the oil spill and (2) address Ecopath model validation data gaps. These analyses will enable a better understanding of the ecological role of regime shift processes conjectured to be impeding the natural restoration of populations in Prince William Sound affected by EVOS.

### Chief Scientist's Recommendation

This project as originally proposed had a variety of objectives involving application of carbon and nitrogen stable isotope ratios to ecological questions. In response to peer review comments, the revised Detailed Project Description focuses on two applications: (1) the possibility that there may be an isotopic record back to 1989 in bivalve shells from the Gulf of Alaska and (2) confirmation of trophic position of a variety of marine organisms for the purposes of refining the Ecopath model (Project 1330). Fund revised proposal.

### Trustee Council Action

Defer decision pending further review of funding priorities. This project would use carbon and nitrogen stable isotope ratios to confirm the relative trophic status of species within the Prince William Sound ecosystem. This information would be useful in validating the food web model being developed under Project 1330.

# Exxon Valdez Oil Spill Trustee Council

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



August 20, 1998

Carol Fries  
Alaska Department of Natural Resources  
3601 C Street Suite 1210  
Anchorage, Alaska 99503-5921

Jeff Hock  
Alaska Department of Environmental Conservation  
410 Willoughby Avenue Suite 105  
Juneau, Alaska 99801-1795

RE: Project 99391 / Cook Inlet Information Management & Monitoring System

Dear Ms. Fries and Mr. Hock:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$335,000 for Project 99391/Cook Inlet Information Management & Monitoring System contingent on approval of a revised detailed budget. A copy of the Council's action on the project is enclosed. Please note that funds for the project will be released in two phases. Toward this end, the revised budget should be prepared in two parts, with Phase 1 costs (for user needs assessment and metadatabase development) and Phase 2 costs (for prototype development) separately identified.

Also note that in order to proceed to Phase 2, Phase 1 products must first be peer reviewed and then presented to the Trustee Council. In addition, cost sharing by agencies, industry, and others is strongly urged for Phase 2.

Before the project may begin, in addition to satisfying the condition specified above, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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Alaska Department of Law

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99391, FY 2000 funding will be considered following a review of the FY 99 effort.

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

Sincerely,



Molly McCammon *for*  
Executive Director

Enclosure

cc: Carol Fries, ADNR Liaison  
Alex Viteri, ADEC Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-Q2
99391	Cook Inlet Information Management/Monitoring System	J. Hock/ADEC, C. Fries/ADNR	ADNR	New 1st yr. 2 yr. project	\$335.0	\$0.0		\$0.0	\$335.0

## Project Abstract

This project will develop an integrated data base containing digital environmental and spatial data for the Cook Inlet watershed. The system will facilitate access to data from a wide variety of sources about the resources and services injured by the spill as well as base data sets important to understanding the environment of the watershed. This database will support monitoring, management, and restoration. The system will provide access through the Internet to the public and private sectors. Water quality data sets derived from the watershed will provide the cornerstone of this system thereby facilitating monitoring of both baseline parameters and chronic sources of marine pollution. From both public policy and natural resources management perspectives, this project will protect the governments' investment in restoration by making information derived from restoration activities and water quality monitoring programs available for management of the watershed in a manner that will promote the recovery of the injured resources and services.

## Chief Scientist's Recommendation

No recommendation from the Chief Scientist due to possible conflict of interest with indirectly related non-EVOS work for which the Chief Scientist is on contract. [NOTE: The project was sent out for independent peer review; the comments of the reviewers are reflected in the Executive Director's recommendation.]

## Trustee Council Action

Fund contingent on approval of a revised budget. Funds will be released in two phases: Phase 1 will consist of a user needs assessment and metadatabase development. Phase 2, to be authorized by the Executive Director following completion and satisfactory review of Phase 1 and a presentation to the full Trustee Council, will consist of prototype development. This project aims to improve management of injured and other marine natural resources by facilitating access to widely scattered databases on water quality, pollution sources, land uses, and related information in the Cook Inlet watershed. Year 1 objectives include assessing the needs of public stakeholders and agency resource managers, developing a metadatabase, and developing a prototype system for Internet access to data, graphics, images, text, and documents. The peer reviewers found the revised Detailed Project Description greatly improved over the original, but continue to raise significant questions, such as whether a centralized vs distributed database is most appropriate and cost effective. In addition, I remain concerned about the project's scope, ambitious schedule, relationship to other EVOS data management needs, and high cost. I recommend cost sharing be obtained to replace at least part of Phase II costs--this project would substantially serve ongoing agency needs and goals as well as contribute to the Trustee Council's restoration objectives by facilitating improved management of the marine habitats on which injured resources rely. Funding the project in two phases will allow these issues to be resolved before making decisions on subsequent steps.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

RE: Project 99325-BAA / Assessment of Injury to Intertidal and Nearshore Subtidal  
Communities Following EVOS: Preparation of Manuscripts for Publication

*Tom*  
Dear Dr. Dean:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$41,100 for Project 99325/Assessment of Injury to Intertidal and Nearshore Subtidal Communities Following EVOS: Preparation of Manuscripts for Publication contingent on submitting to the Chief Scientist the Project 95086C final report (Stekoll, due June 15, 1998). A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Council contribution to your project.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99325-BAA	Assessment of Injury to Intertidal and Nearshore Subtidal Communities Following EVOS: Preparation of Manuscripts for Publication	T. Dean/Coastal Resources Associates, Inc.	NOAA	Cont'd 2nd yr. 2 yr. project	\$41.1	\$0.0	\$0.0	\$0.0	\$41.1
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
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).		Considering the severe impact of EVOS on intertidal communities and the tremendous investment in intertidal studies during the damage assessment and early years of the restoration program, it is highly desirable and essential that these results get published in the peer reviewed literature. These principal investigators are excellent and will produce what they propose. Fund.		Fund contingent on submittal of the 95086C final report (Stekoll, due June 15, 1998). This project will prepare two additional manuscripts in FY 99 on results of intertidal studies previously funded by the Trustee Council (projects CH1, /086C, /106, and others). Preparation of six manuscripts was funded in FY 98 (Project 98325), and although only one has been submitted to a journal reasonable progress is being made on the others.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

R. Ted Cooney, Ph.D.  
University of Alaska Fairbanks/IMS  
PO Box 757220  
Fairbanks, Alaska 99775-7220

RE: Project 99320-CLO / Sound Ecosystem Assessment (SEA)

Dear Dr. Cooney:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$738,300 for the closeout of Project 99320/Sound Ecosystem Assessment (SEA), contingent on submitting to the Chief Scientist a matrix showing, for each SEA subproject, which objectives will be covered in the form of manuscripts and which will be covered in regular report format. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before Project 99320 may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99320, the Council is aware that some funding will be requested in FY 2000 to cover costs of final revisions and edits to the final report and manuscript.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison  
Sharon Kent, NOAA Contracting (Y and Z2)  
Bruce Wright, NOAA Liaison  
Ken Holbrook, USFS Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99320-CLO	Sound Ecosystem Assessment (SEA)	T. Cooney, et al/UAF	ADFG	Cont'd 6th yr. 6 yr. project	\$738.3	\$0.0		\$0.0	\$738.3

## Project Abstract

This project is an integrated, multi-component study of processes influencing the annual survival of juvenile pink salmon and herring rearing in Prince William Sound. Support in FY 99 provides the means to close out the program. Program closeout includes the submittal of a single, integrated final report and a synthesis volume written as a single journal volume for the journal *Fisheries Oceanography*. Project support will also provide the means for individual principal investigators to address revisions to reports and manuscripts in FY 99. A nominal amount is signaled to the Trustee Council for clean up of revisions and page charges that hang over into FY 00. These tasks will be supervised by an in-house editor and the SEA lead scientist.

## Chief Scientist's Recommendation

The science in this project is top quality and the plan for production of journal manuscripts appears feasible. The peer review of the FY 97 annual report is not yet complete, but there are significant concerns with SEA final products. These include the delay in providing acoustic data and the slow progress of integrating modeling and field measurements. The final documents produced by this project must integrate all of the data collected so that scientists and managers can judge whether or not measuring synoptic properties of the coastal ocean can really improve fisheries management. The synthesis should also reach out to other data sets (e.g., jellyfish predation data from APEX, Project /163) as necessary. Notwithstanding these concerns, the SEA project is outstanding and I look forward to seeing final products in FY 99. Fund.

## Trustee Council Action

Fund revised proposal, which includes funds for maintaining SEA's computer network, contingent on submittal of a matrix showing, for each SEA subproject, which objectives will be covered in the form of manuscripts and which will be covered in regular report format. This project will close out the five-year Sound Ecosystem Assessment study, which is formulating interacting numerical models designed to simulate the dynamic processes influencing the survival of juvenile pink salmon and herring rearing in Prince William Sound each year. These models will assist fisheries managers in understanding how environmental factors affect production from year to year, and should enable appropriate levels of harvest to be applied to allow stock response in the face of continually changing natural conditions. In FY 99, a final report and a synthesis volume for the journal *Fisheries Oceanography* will be prepared. In FY 2000, a small amount of additional funding may be requested to cover costs of final revisions and edits to the final report and manuscript.



# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Dan Rosenberg  
ADF&G, Division of Conservation  
333 Raspberry Road  
Anchorage, Alaska 99518-1565

RE: Project 99273 / Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource

  
Dear Mr. Rosenberg:

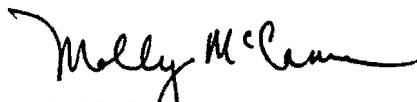
The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$206,200 for Project 99273/Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource, contingent on submitting to the Chief Scientist the 97427 final report (which was due July 15, 1998). A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before Project 99273 may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99273, funding for FY 2000 will be considered following review of the preliminary results of the FY 99 work.

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

Sincerely,



Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99273	Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource	D. Rosenberg/ADFG	ADFG	Cont'd 2nd yr. 3 yr. project	\$206.2	\$0.0		\$0.0	\$206.2
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will study the life history and ecology of surf scoters that over-winter in or migrate through Prince William Sound and lower Cook Inlet. This information will be integrated with traditional ecological knowledge. Scoter populations in Alaska are declining. Communities in Prince William Sound and lower Cook Inlet harvest scoters for subsistence purposes. Scoters are among the least studied of North American waterfowl and little is known of their life history, ecology, and distribution. Scoters will be marked with surgically implanted satellite transmitters to define the breeding areas, molting areas, and wintering areas. Local participation will be solicited and information will be conveyed to local residents through the Chugach School District and Youth Area Watch project (V210).		This is the second year of a three-year project to document breeding areas of Prince William Sound scoters, which are important to subsistence users. In FY 98, the principal investigator has outfitted a sample of scoters with transmitters. He also has worked hard and closely with community residents, which is to be commended. Fund.		Fund revised Detailed Project Description, which eliminates objectives related to the Barrow's goldeneye, contingent on submittal of late report (97427). The principal investigator is to be commended for working closely with community residents on this project. For FY 99, the investigator will pursue hiring local residents as field assistants. This project is studying the life history and ecology of surf scoters (in Prince William Sound in FY 98; sites in lower Cook Inlet will be added in FY 99) as the first step in determining the cause of their suspected population decline and developing conservation and management strategies to ensure the long-term health of the population. Surf scoters are not on the injured species list. However, the Trustee Council's Restoration Plan allows restoration actions to address resources not on the list if the action will benefit an injured resource or service; this project would benefit the service of subsistence.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Chris Habicht  
ADF&G/Genetics  
333 Raspberry Road  
Anchorage, Alaska 99518-1565

RE: Project 99196-CLO / Genetic Structure of PWS Pink Salmon

Dear Mr. Habicht:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$50,000 for the closeout of Project 99196/Genetic Structure of PWS Pink Salmon. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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Alaska Department of Law

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99196-CLO	Genetic Structure of Prince William Sound Pink Salmon	C. Habicht/ADFG	ADFG	Cont'd 6th yr. 6 yr. project	\$50.0	\$0.0	\$0.0	\$0.0	\$50.0

### Project Abstract

Previous work 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

This project has produced a picture of variability in pink salmon genetics that lays the groundwork for work on gene flow and its future management applications. The activities proposed for FY 99 to close out this project are reasonable. Fund.

### Trustee Council Action

Fund closeout (final data analysis and report writing) of this project ~~contingent on submittal of overdue~~ *Rec'd* report (97196 due April 15, 1998). This project is ~~8-17-98~~ *M* determining the degree and extent of geographic differences among pink salmon in Prince William Sound based on genetics. Knowing if there are one or multiple stocks among pink salmon in the sound will enable fisheries managers to refine management units and practices to better protect injured wild stocks.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Timothy L. Joyce  
ADF&G/CFMD  
PO Box 669  
Cordova, Alaska 99574-0669

RE: Project 99188-CLO / Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in PWS  
Project 99365 / Determining the Extent and Magnitude of Straying of Hatchery-Released Pink Salmon in PWS

Dear Mr. Joyce:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$185,200 for the closeout of Project 99188/Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in PWS, contingent on submitting to the Chief Scientist the 97186 final report (due September 30, 1998). A copy of the Council's action on your project is enclosed.

In regard to Project 99365/Determining the Extent and Magnitude of Straying of Hatchery-Released Pink Salmon in PWS, in June I notified you of my recommendation that the Trustee Council not fund this project. The Council accepted my recommendation at its August 13 meeting and did not fund the project for FY 99.

In addition to satisfying the condition specified above, before Project 99188 may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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Alaska Department of Law

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99188-CLO	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince William Sound	T. Joyce/ADFG	ADFG	Cont'd 5th yr. 5 yr. project	\$185.2	\$0.0	\$0.0	\$0.0	\$185.2

### Project Abstract

This project closes out the Trustee Council's support for development of otolith mass marking as a technology for identification of hatchery pink salmon returning to Prince William Sound. The otoliths of all pink salmon reared at Prince William Sound hatcheries were thermally marked in the fall from 1995 through 1998. Blind tests were conducted to determine the ability of otolith readers to successfully determine the origin of randomly selected otoliths. During pink salmon commercial fisheries, approximately 100 otoliths were processed from each fishery opening to estimate stock composition. Generated estimates were provided to fishery managers within 36 hours of the closure of a fishing period. In post-season analysis, a Bayesian dynamic sample size allocation scheme was invoked to maximize sampling efficiency.

### Chief Scientist's Recommendation

This study has carefully documented, developed, and applied a new tool for managing mixed stock salmon fisheries and hatchery activities in Prince William Sound on a scale never before attempted. Fund.

### Trustee Council Action

Fund closeout of this project contingent on submittal of the 97186 final report (due September 30, 1998). This project has supported the development and implementation of otolith marking as a technology for identification of hatchery pink salmon returning to Prince William Sound. The information provided by otolith marking, which is a more accurate and less expensive technology than its predecessor coded wire tags, allows fisheries managers to vary the timing and location of the commercial harvest to protect injured wild stocks of pink salmon.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99365	Determining the Extent and Magnitude of Straying of Hatchery-Released Pink Salmon in Prince William Sound	T. Joyce/ADFG	ADFG	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will estimate the magnitude and extent of straying for the odd-year class of hatchery-released pink salmon in Prince William Sound. Otoliths will be sampled from pink salmon carcasses in randomly selected streams located within each of the major fishing districts. Otoliths of hatchery origin will be identified by specific thermal marks applied to fry at the four Prince William Sound pink salmon hatcheries in the fall of 1997. The proportion of Prince William Sound escapements comprised of spawning hatchery pink salmon will be estimated by area, stream zone (tidal vs. upstream) and for the sound as a whole. The study will be repeated in FY 00 to evaluate straying for the even-year class.		This project addresses the long-standing issue of straying of hatchery reared fish. However, this project does not address the most important aspect of this issue, which is the reproductive success of strayed fish and their effect on the fitness of wild fish populations. As proposed, this study does not address EVOS restoration objectives or extend earlier work on injury to early life stages (Project /191A), nor does it appear to have significant management value. I encourage the Alaska Department of Fish and Game to independently synthesize and independently publish previously existing information on straying rates in Prince William Sound (i.e., prior data on hatchery fish with coded-wire tags and otolith marks that were recovered in Prince William Sound streams). Do not fund.		Do not fund based on technical review. This expensive proposal, which would estimate the extent of straying among hatchery-released pink salmon in Prince William Sound, has little link to the restoration objectives established by the Trustee Council. However, the Alaska Department of Fish and Game is encouraged to independently synthesize and publish existing information on straying of hatchery fish with coded-wire tags and otolith marks that were recovered in Prince William Sound streams.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Gary Kompkoff, President  
Tatitlek Village IRA Council  
PO Box 171  
Tatitlek, Alaska 99677-0170

RE: Project 99127 / Tatitlek Coho Salmon Release

~~Gary~~  
Dear Mr. Kompkoff:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$10,700 for Project 99127/Tatitlek Coho Salmon Release contingent on submitting to the Chief Scientist the 96127 and 97127 annual reports. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Trustee Council contribution to this project.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the conditions, documenting NEPA compliance, or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

---

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## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99127	Tatitlek Coho Salmon Release	G. Kompkoff/Tatitlek IRA Council	ADFG	Cont'd 5th yr. 5 yr. project	\$10.7	\$0.0	\$0.0	\$0.0	\$10.7
<p><u>Project Abstract</u></p> <p>This project will create a coho salmon return to Boulder Bay near the village of Tatitlek. Enough coho eggs to produce 20,000 smolt will be collected from an Alaska Department of Fish and Game approved stream, incubated and reared to smolt at the Solomon Gulch Hatchery, transported, and held for two weeks in net pens in Boulder Bay before release. Release will produce a 2,000 to 3,000 adult return to Boulder Bay for harvest in a subsistence fishery.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>This is the final year of an apparently successful project to provide temporary replacement resources. Fund.</p>		<p><u>Trustee Council Action</u></p> <p>Fund final year of this project (one more year of smolt production/release as well as preparation of final report) contingent on submittal of late reports (96127 and 97127). This project is creating a "put and take" coho salmon run near Tatitlek as a replacement resource for subsistence resources injured by the oil spill. Twenty thousand smolt are released annually in Boulder Bay for each year in which the project is carried out. Coho are currently returning to Tatitlek and are being used by subsistence and sport fishermen.</p>				

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Patricia M. Harris  
NMFS Auke Bay Lab  
11305 Glacier Highway  
Juneau, Alaska 99801-8626

Chris Brodersen  
NMFS Auke Bay Lab  
11305 Glacier Highway  
Juneau, Alaska 99801-8626

RE: Project 99090 / Monitoring of Oiled Mussel Beds in Prince William Sound

Dear Ms. <sup>Pat</sup>Harris and Ms. <sup>Chris</sup>Brodersen:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$150,000 for Project 99090/Monitoring of Oiled Mussel Beds in Prince William Sound contingent on submitting to the Chief Scientist (a) the Project 95090 final report and (b) drafts of the manuscripts funded under Project 97090. A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99090, funding for FY 2000 will be considered following a review of the preliminary results of the FY 99 work.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99090	Monitoring of Oiled Mussel Beds in Prince William Sound	P. Harris, C. Brodersen/NOAA	NOAA	New 1st yr. 2 yr. project	\$150.0	\$0.0		\$0.0	\$150.0
<u>Project Abstract</u> This project will monitor mussel densities and hydrocarbon concentrations in mussels and sediments in 28 mussel beds in Prince William Sound. Twelve of these beds were restored in 1994; mussel hydrocarbon concentrations decreased significantly and replaced sediments remained clean through 1995. 1996 samples, however, indicated recontamination of the replaced sediments and the potential for recontamination of mussels in some restored beds. To compare the efficacy of restoration efforts to long-term natural recovery, we propose to monitor an additional 16 beds that were untreated and remained oiled when they were last sampled (1995). To complete the design, two unoiled reference beds will also be re-sampled.		<u>Chief Scientist's Recommendation</u> In 1994, the Trustee Council funded a project to experimentally clean several oiled mussel beds. These beds were last visited in 1995, and it is now timely to revisit them to assess concentrations of remaining oil and also the integrity of the mussel beds themselves. In order to evaluate a restoration technique, this work needs to be done. Fund contingent on submittal of final report (Project 95090) and draft manuscripts (Project 97090) previously funded.		<u>Trustee Council Action</u> Fund contingent on submittal of (a) the Project 95090 final report and (b) drafts of the manuscripts funded under Project 97090. This project, which was called for in the <i>FY 99 Invitation</i> , will evaluate an experimental restoration technique used to clean mussel beds in FY 94. Twelve beds restored in 1994 and sixteen untreated beds that remained oiled when last sampled in 1995 will be surveyed.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

RE: Project 99025-CLO / Mechanisms of Impact and Potential Recovery of Nearshore  
Vertebrate Predators (NVP)

*Leslie*  
Dear Dr. Holland-Bartels:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$500,000 for the closeout of Project 99025/Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators contingent on submitting to the Chief Scientist a matrix showing, for each component of NVP, which objectives will be covered in the form of manuscripts and which will be covered in regular report format. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99025, the Council is aware that some funding will be requested in FY 2000 to cover costs of final revisions to the report and preparation of additional manuscripts.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Lisa Thomas, DOI-USGS Liaison  
Claudia Slater, ADF&G Liaison  
Bruce Wright, NOAA Liaison

MM/y

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99025-CLO	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	L. Holland-Bartels, et al/USGS-BRD	DOI	Cont'd 5th yr. 5 yr. project	\$500.0	\$0.0		\$0.0	\$500.0
<p><u>Project Abstract</u></p> <p>FY 99 will be dedicated to production of the final report for the Nearshore Vertebrate Predator project. Funds for this year are for data analysis, final report writing, and poster/presentation preparation for the 10Years After symposium. The Nearshore Vertebrate Predator project is making 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.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>Proper closeout of this project, which is fundamental to evaluation of progress toward EVOS recovery objectives, is essential. The project has the potential to synthesize important questions that will be very timely for the 10th anniversary. Fund revised proposal, which reduces the budget significantly from the original request.</p>			<p><u>Trustee Council Action</u></p> <p>Fund closeout (final data analysis and report writing) of this project contingent on submittal and review of a matrix showing, for each component of NVP, which objectives will be covered in the form of manuscripts and which will be covered in regular report format. This project will close out the four-year field effort undertaken to determine whether sea otters, river otters, harlequin ducks, and pigeon guillemots are recovering from the oil spill and whether recruitment processes, continuing exposure to oil, or food availability are limiting recovery. A proposal to fund revision of the final report following peer review and preparation of additional manuscripts is expected in FY 00.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Ernest L. Brannon, Ph.D.  
University of Idaho  
Aquaculture Research Institute  
Moscow, Idaho 83843

RE: Project 99491-BAA / Effects of Natural Oil Seeps on Pink Salmon  
Incubation Success and Condition

Dear Dr. Brannon:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99491/Effects of Natural Oil Seeps on Pink Salmon Incubation Success and Condition. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your Project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99491-BAA	Effects of Natural Oil Seeps on Pink Salmon Incubation Success and Condition	E. Brannon/Univ. Idaho	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> <p>Two principle differences of opinion exist about the effects oil had on incubating pink salmon embryos in Prince William Sound streams. Significant progress can be made toward understanding the effects of oil on pink salmon by examining incubating and adult pink salmon in streams that have a history of exposure to oil from natural oil seeps. Research examining the effects of natural oil seeps on pink salmon is designed to assess its effect on egg viability, embryo survival, and molecular aberrations under conditions of persistent exposure of previous generations. It is anticipated that this study will serve to help in understanding the immediate and long-term effects of oil on pink salmon subject to oil spills.</p>			<u>Chief Scientist's Recommendation</u> <p>This well written proposal demonstrates a good understanding of the problem. However, studying salmon in western Alaska that may be evolutionarily adapted to oil exposure under different exposure regimes would not necessarily provide data relevant to the crude oil exposures that occurred during the oil spill. There are also questions about the feasibility of the project as proposed, including how the PAH doses would be determined. Restoration objectives will be better served by examining the results of laboratory exposures or hatchery experiments simulating natural stream environments. Do not fund.</p>			<u>Trustee Council Action</u> <p>Do not fund based on technical review. This proposal, which would study streams on the Alaska Peninsula with natural oil seeps, would not provide data relevant to the crude oil exposures that pink salmon embryos faced during the oil spill.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Sven O. Ebbesson, Ph.D.  
UAF/SFOS  
PO Box 703  
Seward, Alaska 99664

RE: Project 99489 / Crude Oil Exposure Effects on Salmon Smolts

Dear Dr. Ebbesson:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99489/Crude Oil Exposure Effects on Salmon Smolts. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your Project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99489	Crude Oil Exposure Effects on Salmon Smolts	S. Ebbesson/UAF	ADFG	New 1st yr. 4 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

Crude oil exposure has previously been shown to alter thyroid hormone levels differently in fish, depending on the species and developmental stage. This project will determine to what extent exposure to crude oil affects neural and endocrine systems during and after smoltification. The normal changes in these systems are vital for survival in the sea and return to natal stream. These studies will provide information regarding the impact, if any, of crude oil exposure on salmon during this critical period of development, which may explain survival and return-rate problems following the oil spill.

## Chief Scientist's Recommendation

This study proposes to examine the effects of crude oil on brain development and smoltification in salmon. The investigators are well qualified neuroendocrinologists. However, the ecotoxicological relevance of the approach is not well established in the proposal. In particular, dosages are not justified and it is not evident that the literature of oil toxicology has been integrated into this proposal. Thus, there is limited applicability to the EVOS restoration program. Do not fund.

## Trustee Council Action

Do not fund based on technical review. This project has little relation to the restoration objectives adopted by the Trustee Council.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Richard D. Ewing, Ph.D.  
Biotech Research & Consulting  
2340 SE Ryan Street  
Corvallis, Oregon 97333

RE: Project 99402-BAA / Weathered Oil Effects on Sediment Microorganisms

Dear Dr. Ewing:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99402/Weathered Oil Effects on Sediment Microorganisms. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your Project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99402-BAA	Weathered Oil Effects on Sediment Microorganisms	R. Ewing/Biotech, Inc.	NOAA	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

### Project Abstract

This project will examine the biomass and composition of microorganisms in beach sediments polluted with weathered oil and compare these results with control areas with similar sediments but with no residual oil. Biomass and composition will be determined with a series of microbiological, biochemical and chemical measurements, including most probable number analysis of bacteria, oxygen consumption, chlorophyll content, ATP determinations, adenylate charge measurements, and electron transport system measurements of sediments. Analyses will be correlated with the amount of oil present, water temperature, substrate type, and season.

### Chief Scientist's Recommendation

This proposal would assess microbial biomass, composition, and biological activity in relation to concentration of oil in beach sediments. Although the principal investigator is well qualified, this proposal does not take into account prior microbial studies funded by the Trustee Council, nor does it contribute to any important restoration objectives. Do not fund.

### Trustee Council Action

Do not fund based on technical review. This proposal has little link to the Trustee Council's restoration objectives.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Julie Michaelson  
University of Alaska Anchorage  
Alaska Natural Heritage Program  
707 A Street  
Anchorage, Alaska 99501

Keith Boggs  
University of Alaska Anchorage  
Alaska Natural Heritage Program  
707 A Street  
Anchorage, Alaska 99501

RE: Project 99394 / Development of Maps Depicting Environmentally Sensitive Areas in PWS

Dear Ms. Michaelson and Mr. Boggs:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99394/Development of Maps Depicting Environmentally Sensitive Areas in PWS. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your Project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

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

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99394	Development of Maps Depicting Environmentally Sensitive Areas in Prince William Sound	J. Michaelson, K. Boggs/UAA	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will develop a database that identifies areas environmentally sensitive to potential oil spills within Prince William Sound. It will provide a tool for use by oil response teams and planners who need detailed information in regard to species rarity and seasonal use of critical habitat areas. The spatial database will be constructed using Arc/Info software and contain approximately 66 data layers. Access to this information will be made available to a broad-based user audience through its distribution over the Internet on the EVOS home page. A series of four seasonal maps (winter, spring, summer, and fall) will be developed, each presenting a broad, regional overview of environmentally sensitive resources. These will be primarily for display purposes and oriented to the general user, similar to seasonal maps produced by the National Oceanic and Atmospheric Administration in 1988.		This proposal is responsive to the <i>FY 99 Invitation</i> and would aid the synthesis and application of these data for restoration and response purposes. The proposers are experienced with building and maintaining computer databases, though they are not directly experienced with environmentally sensitive area maps and standards. This proposal is expensive relative to Project 99368, and it is not clear what the additional funds will produce. Do not fund.		Do not fund based on technical review. Although the <i>FY 99 Invitation</i> requested proposals for environmentally sensitive area maps, Project 99368 more directly responds to the Trustee Council's need to synthesize and integrate information generated through the EVOS damage assessment and restoration programs.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Deborah Rudis  
U.S. Fish & Wildlife Service  
3000 Vintage Boulevard #201  
Juneau, Alaska 99801-7100

RE: Project 99362 / Intertidal Invertebrate and Vegetation Communities  
Associate with NOAA ESI Mapping Types in Southeast Alaska

Dear Ms. Rudis:

The *Exxon Valdez* Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99362/Intertidal Invertebrate and Vegetation Communities Associate with NOAA ESI Mapping Types in Southeast Alaska. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your Project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

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

Molly McCammon  
Executive Director

Enclosure

cc: Catherine Berg, DOI-USFWS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99362	Intertidal Invertebrate and Vegetation Communities Associated with NOAA Environmental Sensitive Index (ESI) Mapping Types in Southeast Alaska	D. Rudis/USFWS	DOI	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

### Project Abstract

The National Oceanic and Atmospheric Administration's Environmental Sensitive Index (ESI) maps used during the oil spill were found to commonly have inaccurate shoreline typing and minimal intertidal zone biological data. Preparation of ESI maps for Southeast Alaska in 1990 included a ground-truthing effort by Department of Interior and Alaska Department of Fish and Game biologists. Data were collected from 167 sites and 488 plots for the ten ESI types in this region. These data have not been collated or analyzed. This project will put these data into a usable format and statistically determine if there are discreet intertidal communities for each ESI type. An appendix including tables of intertidal community species assemblages will be developed; an additional appendix with subsistence/traditional use information will be developed by a Southeast tribal biologist. These appendices will be available electronically and as hard copy.

### Chief Scientist's Recommendation

This proposal raises significant technical questions related to sampling and statistics. The geographic focus of the project is completely outside the spill area. Do not fund.

### Trustee Council Action

Do not fund based on technical review. Although the *FY 99 Invitation* requested proposals for environmentally sensitive area maps, Project 99368 more directly responds to the Trustee Council's need to synthesize and integrate information generated through the EVOS damage assessment and restoration programs. In addition, although this project could improve the intertidal classifications on the environmentally sensitive area maps, for this information to be useful to Project 99368 it would need to be available prior to FY 99, not by the end of FY 99 as proposed in the Detailed Project Description.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

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

Lawrence Duffy, Ph.D.  
University of Alaska Fairbanks  
Department of Chemistry & Biochemistry  
PO Box 756160  
Fairbanks, Alaska 99775

RE: Project 99348 / Responses of River Otters to Oil Contamination: A  
Controlled Study of Biological Stress Markers  
Project 99448 / Evaluating Recovery of Coastal River Otters: Gender-  
Specific Response to the Oil Spill

Dear Dr. Ben-David, Dr. Bowyer and Dr. Duffy:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$240,100 for Project 99348/Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Trustee Council contribution to this project.

In regard to Project 99448/Evaluating Recovery of Coastal River Otters: Gender-Specific Response to the Oil Spill, in June I notified you of my recommendation that the Trustee Council not consider this proposal until the ongoing work on river otters (projects /025 and /348) is completed and evaluated. The Council accepted my recommendation at its August 13 meeting and did not fund this project for FY 99.

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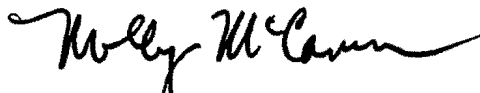
Alaska Department of Fish and Game  
Alaska Department of Environmental Conservation  
Alaska Department of Law



Before Project 99348 may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or reimbursable services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing an RSA will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,



Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99348	Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers	M. Ben-David, T. Bowyer, L. Duffy/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$240.1	\$0.0	\$0.0	\$0.0	\$240.1
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
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.		This is the second year of a two-year project to experimentally determine the biochemical and physiological responses of river otters to oil contamination. This project is needed in order to determine if measurements of potential markers in field-captured animals are consistent with oil exposure. Fund.		Fund, including preparation of a final report by September 1999. This project is using 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. [NOTE: Funding includes \$32,700 for Alaska SeaLife Center bench fees.]					

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99448	Evaluating Recovery of Coastal River Otters: Gender-Specific Response to the Oil Spill	M. Ben-David, T. Bowyer/UAF	ADFG	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>This project will investigate diets of male and female river otters inhabiting oiled and unoled areas of Prince William Sound. It will ascertain diet composition using archived fecal samples from immediately post spill to the present, and determine gender classification of the feces by DNA analysis. Direct observations in previous studies suggested that male and female river otters may differ in their foraging strategies, with solitary females concentrating more on sedentary intertidal fish, whereas groups of males rely more on pelagic fish. Therefore, females may have increased susceptibility to disturbance of the intertidal zone leading to significant effects on population recovery.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>The proposers have a great deal of experience with river otters, and they have put together an interesting proposal. The reviewers, however, had a number of questions about the specific experimental design, such as the apparent lack of linkage between the telemetry work and the analysis of archived scat samples. The Nearshore Vertebrate Predator work (Project \025) on river otters is being completed and there is related work underway at the Alaska Sealife Center (Project \348). Present work needs to be completed and evaluated before considering additional work on river otters. Do not fund.</p>			<p><u>Trustee Council Action</u></p> <p>Do not fund based on technical review. The ongoing work on river otters (projects /025 and /348) should be completed and evaluated before additional work on river otters is considered.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Daniel Pauly, Ph.D.  
Fisheries Centre, University of British Columbia  
2204 Main Mall  
Vancouver, BC V6G 1Z4 CANADA

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

RE: Project 99330-BAA / Mass-Balance Model of Trophic Fluxes in EVOS-Impacted Areas

Dear Dr. Pauly and Dr. Pimm:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$149,800 for Project 99330/Mass-Balance Model of Trophic Fluxes in EVOS-Impacted Areas. A copy of the Council's action on your project is enclosed. Please note that funding is for completion of the Prince William Sound model only; initiation of the Cook Inlet/Shelikof Strait model may be reconsidered in FY 2000.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or reimbursable services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99330-BAA	Mass-Balance Models of Trophic Fluxes in EVOS-Impacted Areas	D. Pauly/UBC, S. Pimm/U. Tenn	NOAA	Cont'd 2nd yr. 2 yr. project	\$149.8	\$0.0	\$0.0	\$0.0	\$149.8

### Project Abstract

This project will construct, validate, and disseminate whole food-web models of Prince William Sound and adjacent marine areas affected by the oil spill. These mass-balance models of flows among trophic levels and among ecosystem components are ideally suited to synthesize the extensive information gathered by various research groups since the spill. The second year of this project will consist of two main components: (1) the production of a CD-ROM for the public domain, incorporating an interactive graphic version of the Prince William Sound trophic model developed during year 1 as well as user-friendly databases on the biology and local/traditional knowledge of the marine organisms of Prince William Sound and beyond; and (2) refinements of the shelf model based on preliminary application and user suggestions.

### Chief Scientist's Recommendation

This project is off to a successful start, and it should prove to be a very useful tool for integrating a great deal of data generated by EVOS studies. Application of this tool should allow very worthwhile exploration of possible natural/anthropogenic perturbations that will aid restoration and long-term management. Fund completion of Prince William Sound component; reconsider work on Cook Inlet/Shelikoff Strait component in FY 00 after concluding the present Prince William Sound project.

### Trustee Council Action

Fund completion of Prince William Sound model. Initiation of Cook Inlet/Shelikoff Strait model may be reconsidered in FY 00. This project, through the use of food web modeling techniques, will make an important contribution to the Trustee Council's effort to synthesize research and monitoring results from other Council-funded projects.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Gary Thomas, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99320N-BAA / Acoustic Assessment of Pink Salmon Predators,  
Macrozooplankton Prey and Juvenile Herring in PWS

Dear Dr. ~~Thomas~~ <sup>Gary</sup>:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$51,100 for Project 99320N/Acoustic Assessment of Pink Salmon Predators, Macrozooplankton Prey and Juvenile Herring in PWS. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Trustee Council contribution to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or reimbursable services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing a contract will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

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

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## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99320N-BAA	Acoustic Assessment of Pink Salmon Predators, Macrozooplankton Prey and Juvenile Herring in Prince William Sound	G. Thomas/PWSSC	NOAA	Cont'd 6th yr.	\$51.1	\$0.0	\$0.0	\$0.0	\$51.1
<u>Project Abstract</u> This project will support the processing, analysis and reporting of FY 96-97 surveys of salmon predators, macrozooplankton prey and juvenile herring in Prince William Sound. This request is consistent with other projects (/320M, Oceanography and /320I, Isotopes) which have been compensated for additional field and analytical work that occurred with the expansion of the Juvenile Herring Growth and Habitats project (/320T). Scheduled analysis and reporting of the Nekton and Plankton Acoustics project (/320N) has been delayed because of this increased work load. Also, the funds that are requested were originally budgeted for the Nekton and Plankton Acoustics project but were underspent in FY 96-97. We were asked to submit a new proposal to recapture these funds after requesting a no-cost extension.			<u>Chief Scientist's Recommendation</u> There is concern about the timetable of progress toward integration of acoustics into the SEA project (/320) However, this work is essential to proper completion of SEA. Fund FY 99 only.			<u>Trustee Council Action</u> Fund FY 99 only. This project will complete work previously approved by the Trustee Council as part of SEA (Project /320). The work, which is integral to the SEA hypotheses, includes completion of the macrozooplankton, salmon predator, and herring observation data bases.			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Shari L. Vaughan, Ph.D.  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99320M / SEA: Observational Oceanography in PWS and the Gulf of Alaska  
Project 99435-BAA / Oceanography of PWS  
Project 99436-BAA / Oceanography of PWS Bays and Fjords: Effects of the 1997-98  
El Nino

*Shari*  
Dear Dr. Vaughan:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$62,500 for Project 99320M/SEA: Observational Oceanography in PWS and the Gulf of Alaska. A copy of the Council's action on your project is enclosed.

In regard to projects 99435/Oceanography of PWS and 99436/Oceanography of PWS Bays and Fjords: Effects of the 1997-98 El Nino, in June I notified you of my recommendation that the Trustee Council not fund these projects. The Council accepted my recommendation at its August 13 meeting and did not fund these projects for FY 99.

Before Project 99320M may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or reimbursable services agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing a contract will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

*Molly McCammon*

Molly McCammon  
Executive Director

Enclosure

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

MM/ty



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99320M-CLO	Sound Ecosystem Assessment (SEA): Observational Oceanography in Prince William Sound and the Gulf of Alaska	S. Vaughan/PWSSC	NOAA	Cont'd 6th yr.	\$62.5	\$0.0	\$0.0	\$0.0	\$62.5

## Project Abstract

The model validation portion of 97320M/SEA - Observational Oceanography has not been completed. Model validation is required before the model can be used for hypothesis testing by any of the other SEA subprojects. Funds were remaining in the 97320M budget at the end of the year. This proposal is for funding, in the amount remaining in FY 97, to cover salaries of personnel responsible for circulation model validation and zooplankton seeding/flushing hypothesis testing.

## Chief Scientist's Recommendation

This project is necessary to complete work on objectives previously requested by the reviewers. Fund.

## Trustee Council Action

Fund. This project will complete work previously approved by the Trustee Council as part of SEA (Project /320). The work, which is integral to the SEA hypotheses, includes validation of the circulation model and testing of the zooplankton seeding/flushing hypothesis.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/99) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99435-BAA	Oceanography of Prince William Sound	S. Vaughan/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

Oceanographic measurements in 1994-97 showed that some aspects of the circulation and water mass properties of Prince William Sound are fairly predictable and geostrophic. More variability exists in the months before, during, and after the peak zooplankton bloom. Since zooplankton are a major food source for many species of juvenile fish, the general health of the sound depends on the abundance and availability of zooplankton. The Sound Ecosystem Assessment (Project /320) documented seasonal and some interannual relationships between zooplankton abundance and physical processes, but the effects of longer time scale processes, such as El Nino or regime shifts, were not addressed. To understand plankton variability on interannual and decadal time scales, a time series of physical and biological oceanographic properties needs to be created. This proposal will implement a prototype measurement system in Prince William Sound to relate plankton distribution and abundance to physical processes on longer time scales.

## Chief Scientist's Recommendation

The necessary background for this proposal would have been a synthesis of SEA (Project /320) oceanographic data. Absent such a synthesis, the proposed work is not well justified. There also is inadequate detail on exact tasks that will be completed. Costs are very high, and the request of six months support for each of three people seems very high relative to workload. The principal investigators are capable in terms of the physical measurements, but I cannot recommend funding at this time. Do not fund.

## Trustee Council Action

Do not fund based on technical review. The proposal is expensive and lacking in detail.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-01
99436-BAA	Oceanography of Prince William Sound Bays and Fjords: Effects of the 1997-98 El Nino	S. Vaughan/PWSSC	NOAA	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.
<p><u>Project Abstract</u></p> <p>Strong warm episode El Nino conditions, comparable to the 1982-83 episode, have persisted in the tropical eastern Pacific since 1997. Abnormally warm and dry atmospheric conditions and unusually warm ocean waters are present along the entire southern coast of Alaska. Coupled biological and physical data have been collected for four bays in Prince William Sound since 1995. Water mass properties and currents in these bays have been found to be extremely complex and seasonally variable. Recently, it has been hypothesized that water mass changes associated with the 1997-98 El Nino event could affect zooplankton abundance and juvenile herring metabolic rates, thus altering their nutritional status and survival. This proposal will continue measurements of water mass properties (temperature and salinity), current velocities, zooplankton densities, and fluorescence in FY 99, FY 00, and FY 01.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>Like the other proposals for investigating El Niño phenomenon, this project is of significant academic interest but its contribution to restoration objectives is unclear. I am concerned in general about the concept of moving forward on new herring studies prior to the synthesis of knowledge from previously funded projects. A single proposal in conjunction with a group of herring scientists that documented specific biological and related parameters would be more compelling. Do not fund.</p>			<p><u>Trustee Council Action</u></p> <p>Do not fund based on technical review. This project, which would essentially continue Project 98297 (Oceanography of Prince William Sound Bays and Fjords) beyond its closeout year by investigating effects of El Nino, has little link to the Trustee Council's restoration objectives.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Jim Fall, Ph.D.  
ADF&G Subsistence Division  
333 Raspberry Road  
Anchorage, Alaska 99518

Monica Riedel, Chair  
Alaska Harbor Seal Commission  
PO Box 2229  
Cordova, Alaska 99574

RE: Project 99245 / Community-Based Harbor Seal Management and Biological Sampling

Dear Dr. Fall and Ms. Riedel:


The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$70,700 for Project 99245/Community-Based Harbor Seal Management and Biological Sampling. A copy of the Council's action on your project is enclosed. Please note that the Council intends to reduce its contribution to the project in future years to reflect transition of the project to other funding sources.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency general administration) is \$55,000 in FY 00, \$40,000 in FY 01, and \$25,000 in FY 02; this will be reviewed on an annual basis.

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

Sincerely,

  
Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99245	Community-Based Harbor Seal Management and Biological Sampling	J. Fall/ADFG, M. Riedel/Alaska Harbor Seal Commission	ADFG	New 1st yr. 4 yr. project	\$70.7	\$0.0	\$55.0	\$40.0	\$190.7

### Project Abstract

This project will continue the harbor seal biological sample collection program begun under Project /244. The program was initiated in FY 96 and expanded in FY 97 in Prince William Sound, lower Cook Inlet, and Kodiak Island. FY 98 was scheduled to be Project /244's close-out year. Under the biosampling program, village-based technicians are selected by the Alaska Native Harbor Seal Commission and trained by the Alaska Department of Fish and Game to collect samples. The samples are transported to Anchorage or Kodiak for further sampling and distribution to participating scientists for analysis. Under Project 99245, the Alaska Native Harbor Seal Commission will also organize a two-day workshop, and produce and distribute a newsletter with summaries of the biological sampling program.

### Chief Scientist's Recommendation

This project has been a highly successful effort to obtain harbor seal tissue samples through the efforts of subsistence hunters, with participation by students in the Youth Area Watch. The samples obtained have been useful to harbor seal researchers. In addition, the educational work and the involvement and active cooperation with community residents will undoubtedly benefit harbor seals over the long term. The draft final report on the pilot project (/244) indicates there has been progress with respect to management of the growing tissue database. There has been less progress in development of a long-range funding plan. My recommendation is to fully fund this project in FY 99 and to phase out funding over a two-to-three year period.

### Trustee Council Action

Fund full request in FY 99. Funding will be reduced in subsequent years to reflect transition of the project to other funding sources. This project will enable the Alaska Native Harbor Seal Commission to continue its biological sample collection program for harbor seals in Prince William Sound, lower Cook Inlet, and the Kodiak area. These samples are provided to ongoing EVOS projects which seek to explain why harbor seals are not recovering.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Lisa M. Rotterman, Ph.D.  
Enhydra Research  
101 Kuualaa Street  
Kailua, HI 96734-2938

RE: Project 99223-BAA / Evaluation of Sea Otter Population Structure,  
Population Condition, and Habitat Use in PWS and Adjacent Areas

Dear Dr. Rotterman:

The Exxon Valdez Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99223-BAA/Evaluation of Sea Otter Population Structure, Population Condition, and Habitat Use in PWS and Adjacent Areas. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon', with a long, sweeping underline.

Molly McCammon  
Executive Director

Enclosure

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

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99223-BAA	Evaluation of Sea Otter Population Structure, Population Condition, and Habitat Use in Prince William Sound and Adjacent Areas	L. Rotterman/Enhydra Research	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will provide information about the population structure, movements, age- and sex-specific survival, habitat use, rehabilitation, distribution and abundance, and carcass persistence of sea otters in Prince William Sound and adjacent areas. Findings from this project will be used to (1) evaluate past, current and future monitoring and assessment study techniques and design; (2) establish benchmarks against which to gauge current status relative to recovery; (3) formulate future spill response; (4) interpret monitoring and damage assessment results and modeling of sea otter recovery; (5) evaluate the impacts of restoration activities on sea otter recovery; and (6) elucidate processes (e.g., immigration or emigration) impacting the course of recovery.		This project would analyze valuable data that have the potential to make a contribution to restoration objectives. However, in FY 97 the proposers were funded to write four scientific papers and should focus their efforts on completing that previous project (97223). Do not fund.		Do not fund. The manuscripts proposed under this project could make a valuable contribution to our understanding of the injury and recovery of sea otters. However, the manuscripts funded under this proposer's Project 97223 are still in progress.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Roger Sampson, Superintendent  
Chugach School District  
9312 Vanguard Drive, #100  
Anchorage, Alaska 99507

RE: Project 99210 / Youth Area Watch

Dear Mr. ~~Sampson~~ *Roger*:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$150,400 for Project 99210/Youth Area Watch. This funding level includes the addition of students from Port Graham, Nanwalek, and Seldovia. Please submit a revised Detailed Project Description that reflects this addition.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing an RSA will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency general administration) is \$123,100 in FY 00; \$107,000 in FY 01, and \$96,300 in FY 02; this will be reviewed on an annual basis.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MMH



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99210	Youth Area Watch	R. Sampson/Chugach School District	ADFG	Cont'd 4th yr. 7 yr. project	\$150.4	\$0.0	\$123.1	\$107.0	\$476.6

## Project Abstract

The Youth Area Watch project links students in the oil spill impacted area with research and monitoring projects funded through the Trustee Council. The goal is to involve students in the restoration process, and give these individuals the skills to participate in oil spill restoration activities now and in the years to come. Youth conduct research identified by EVOS principal investigators who have indicated interest in working with students in oil spill impacted communities. Youth Area Watch serves as a positive example of community investment in the restoration process. Participating communities in FY 99 will be Tatitlek, Chenega Bay, Cordova, Seward, Valdez, Whittier, Port Graham, Nanwalek, and Seldovia.

## Chief Scientist's Recommendation

This project continues to do a good job of meeting its goal of involving youth in the restoration process and should be funded again in FY 99. Fund, including addition of students from lower Cook Inlet.

## Trustee Council Action

Fund revised proposal, which includes the addition of students from Port Graham, Nanwalek, and Seldovia as proposed in Project 99410. This project is designed to involve local youth in restoration projects. Youth in Chenega Bay, Tatitlek, Cordova, Whittier, Valdez, Seward also participate in the program.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Art Weiner, Ph.D.  
ADNR  
3601 C Street, Suite 980  
Anchorage, Alaska 99503

Karen Kromrey, Ph.D.  
USFS, Seward Ranger District  
PO Box 390  
Seward, Alaska 99664

RE: Project 99180 / Kenai Habitat Restoration and Recreation Enhancement

Dear Dr. Weiner and Dr. Kromrey:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$299,600 for Project 99180/Kenai Habitat Restoration and Recreation Enhancement. A copy of the Council's action on your project is enclosed. Please note that although FY 99 is scheduled to be the closeout year for this project, the Council is aware that a small amount of additional funding may be needed in FY 00 for completion of the final report.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Carol Fries, ADNR Liaison  
Ken Holbrook, USFS Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99180	Kenai Habitat Restoration and Recreation Enhancement	A. Weiner/ADNR, K. Kromrey/USFS	ADNR	Cont'd 4th yr. 4 yr. project	\$299.6	\$0.0		\$0.0	\$299.6

### 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 project will complete the fourth and final year of habitat restoration on public lands along the Kenai River. With this project, the Trustee Council will have invested nearly \$2 million in Kenai River restoration, which, in combination with the millions spent on habitat acquisitions and sockeye salmon research and management, represent a major contribution to Kenai River commercial, recreational, and subsistence fisheries. I support funding this final year of work in FY 99 and look forward to seeing the results of monitoring efforts over the longer term. Fund.

### Trustee Council Action

Fund final year of Trustee Council contribution to habitat restoration along the Kenai River. In FY 99, funds are being provided to finish the Slikok Creek and Russian River projects, which received partial funding from the Council in FY 98. Although FY 99 is scheduled to be the closeout year for this project, a small amount of funds may be requested in FY 00 to complete the final report. In general, the habitat restoration efforts along the Kenai River will benefit sockeye salmon and other fish species of commercial and recreational importance.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Jim Bodkin  
USGS-BRD  
1011 East Tudor Road  
Anchorage, Alaska 99503-6119

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

RE: Project 99423 / Pattern and Processes of Population Change in Selected Nearshore  
Vertebrate Predators

Dear Mr. ~~Bodkin~~ and Dr. ~~Dean~~:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$60,000 for Project 99423/Pattern and Processes of Population Change in Selected Nearshore Vertebrate Predators. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 99423, funding for FY 2000 and beyond may be considered once Project 1025 (NVP) is completed and the status of sea otters and harlequin ducks is reviewed.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Lisa Thomas, DOI-USGS Liaison

MM/ty

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99423	Pattern and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin/USGS-BRD, T. Dean/Coastal Resource Associate	DOI	New 1st yr. 4 yr. project	\$60.0	\$0.0			\$60.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
Prior research has identified sensitive variables for assessing recovery of the nearshore ecosystem in western Prince William Sound through populations of sea otters and their invertebrate prey. Core data collection includes annual surveys of sea otter distribution and abundance and estimates of abundance and size classes of green sea urchins, a key sea otter prey. This project will monitor an injured population and an ecological process to address questions central to recovery of the nearshore ecosystem and will test new approaches to ecosystem monitoring.		As originally proposed, this project was an important extension of Nearshore Vertebrate Predator (Project /025) work on two prominent, still-injured species -- sea otters and harlequin ducks. Work on these species could be part of a long-term monitoring program, but apart from that possibility, some continued work on sea otters can be justified on the basis of assessing their recovery status. Continuing work on harlequin ducks may be needed after Project /025 is completed and the status of this species is reviewed. The principal investigators are strong, and I recommend funding the revised proposal in order to track possible progress toward sea otter recovery in the Knight Island archipelago.		Fund revised proposal, which reduces the project's scope to aerial surveys of sea otters and surveys of green sea urchins in FY 99 only. Additional work on sea otters and harlequin ducks may be considered in FY 2000, once Project /025 (Nearshore Vertebrate Predator) is completed and the status of these species is reviewed.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

John Whitney  
NOAA, HAZMAT  
570 L Street, Suite 100  
Anchorage, Alaska 99501

RE: Project 99368 / Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only)  
Project 99369 / Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal and Detailed Maps)

Dear Mr. Whitney:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$37,300 for Project 99368/Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only). A copy of the Council's action on your project is enclosed. Please note that the Council would like you to work directly with the principal investigators of the three EVOS ecosystem projects in developing the maps and to provide the maximum opportunity for agency review of the maps. Also note that the Council is not anticipating providing funding to this project in future years.

In regard to Project 99369/Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal and Detailed Maps), in June I notified you of my recommendation that the Trustee Council not fund this project, as Project 99368 will more cost effectively meet the Council's synthesis needs. The Council accepted my recommendation at its August 13 meeting and did not fund this project for FY 99.

Before Project 99368 may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/y

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99368	Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only)	J. Whitney/NOAA	NOAA	New 1st yr. 1 yr. project	\$37.3	\$0.0	\$0.0	\$0.0	\$37.3

### Project Abstract

A series of seasonal maps depicting environmentally sensitive areas in Prince William Sound will be produced in both hardcopy and digital formats. A previous series was produced in paper format in 1988. However, these maps need to be updated with new information on the distribution, abundance, life history, and sensitivity of the natural resources in Prince William Sound. NOAA proposes to integrate and depict the most current information onto an updated series of maps, produced at a scale of 1:250,000 (previous maps were at 1:333,300). The maps will be produced as posters, folded maps, and a digital product.

### Chief Scientist's Recommendation

This proposal to update summary-level "environmental sensitivity index" maps for Prince William Sound responds directly to a request in the *FY 99 Invitation*. These maps were prepared in 1988, before the oil spill, and preparing an updated version will allow integration of a wealth of EVOS data, which will aid synthesis and application of these data for restoration and management. The agency and principal investigator are experienced with preparation of maps of this type, and the proposal anticipates cooperation with most of the relevant agencies and sources of data. Fund.

### Trustee Council Action

Fund revised Detailed Project Description, which includes a description of the type of digital information that will be produced. This project, which will integrate and depict information generated through the EVOS damage assessment and restoration programs on a new series of seasonal maps identifying "environmentally sensitive areas" in Prince William Sound, will aid synthesis and application of this information for restoration and spill response purposes. In developing the maps, NOAA should work directly with the principal investigators of the three ecosystem projects (SEA/320, NVP/025, APEX/163) and should structure the review phase of the project to provide the maximum opportunity for agency review of the maps. Prince William Sound communities will also be invited to participate in the review phase of the project.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99369	Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal and Detailed Maps)	J. Whitney/NOAA	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>A series of summary seasonal and detailed maps depicting environmentally sensitive areas in Prince William Sound will be produced in both hardcopy and digital formats. A previous summary series was produced in paper format only in 1988 and 1983, respectively. However, these maps need to be updated with new information on the distribution, abundance, life history, and sensitivity of the natural resources in Prince William Sound. This project will integrate and depict the most current information onto an updated series of maps, produced at a scale of 1:250,000 (previous maps were at 1:333,300) for the summary maps, and 1:63,360 (previous maps at this same scale) for the detailed maps. The summary maps will be produced as posters and folded maps. The 42 detailed maps will be bound in atlas format. Both will be rendered as a digital product. These two scales of maps will allow for a much broader range of use than just one scale alone, and preparing them together will be very cost effective.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>While preparation of maps depicting environmentally sensitive areas in Prince William Sound is valuable (see recommendation for Project 99368), I would not recommend going forward with the additional expense of preparing the detailed maps proposed in this project. Do not fund.</p>			<p><u>Trustee Council Action</u></p> <p>Do not fund. Although the <i>FY 99 Invitation</i> requested proposals for environmentally sensitive area maps, the summary seasonal maps proposed in Project 99368 will more cost-effectively meet the Trustee Council's need to synthesize and integrate information generated through the EVOS damage assessment and restoration programs.</p>			



# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Edward O. Otis  
ADF&G  
PO Box 1402  
Homer, Alaska 99603

RE: Project 99366 / Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology

Dear Mr. Otis:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$52,000 for Project 99366/Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including general administration) is \$46,500 in FY 00 and \$12,300 in FY 01; this will be reviewed again next year.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99366	Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology	E. Otis/ADFG	ADFG	New 1st yr. 3 yr. project	\$52.0	\$0.0	\$46.5	\$12.3	\$110.8

## Project Abstract

Salmon resources and services within the spill area, and particularly within Prince William Sound, were injured by the oil spill and have not fully recovered. To monitor the recovery of salmon stocks in the spill area and improve escapement information used to set spawning escapement goals, this project will develop remote video and time-lapse recording technology for enumerating salmon escapement. Remote video has the potential to provide accurate, archivable documentation of salmon escapements well beyond the capacity of aerial survey indices, and well below the cost of weir and sonar projects. Videotapes can be retrieved and reviewed weekly to facilitate in-season management of commercial fisheries.

## Chief Scientist's Recommendation

The goal of this project, which is to improve the accuracy of estimates of spawner abundance as a management tool, is worthy. The experimental design includes an independent check on video counts with standard counts from a weir. The revised proposal includes some cost sharing by the Alaska Department of Fish and Game to support operation of the weir. Fund.

## Trustee Council Action

Fund revised proposal, which addresses Chief Scientist's concern regarding the video counts and includes cost sharing by the Alaska Department of Fish and Game. This project will establish new techniques for estimating spawner abundance that could potentially advance salmon management.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

RE: Project 99340 / Toward long-term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

Dear Dr. Weingartner:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$91,400 for Project 99340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including general administration) is \$57,500 in FY 00 and \$67,200 in FY 01; this will be reviewed again next year.

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'Molly McCannmon'.

Molly McCannmon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/UAF	ADFG	Cont'd 2nd yr. 4 yr. project	\$91.4	\$0.0	\$57.5	\$67.2	\$216.
<p><u>Project Abstract</u></p> <p>The 28-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 project will continue this time series and quantify the interannual and interdecadal variability of this shelf. A related goal is to better resolve 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 resources and services affected by the oil spill, and will aid in designing a long-term, cost-effective ecosystem monitoring program for this shelf.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>I support the continuation of this project, although it will be important to evaluate how completely the physical oceanographic data being collected will support an understanding of all the factors forcing biological production in the Alaska Coastal Current. Despite the fact that the potential EVOS long-term monitoring program is not yet explicitly developed, the continuation of the GAK1 data set is very useful, and the joint development of this data set with GLOBEC is valuable for coordination of their work with the Trustee Council. Fund.</p>			<p><u>Trustee Council Action</u></p> <p>Fund. This project will continue the existing 28-year time series of conductivity-temperature versus depth (CTD) data collected at hydrographic station GAK1 on the northcentral Gulf of Alaska shelf. The GAK1 data set is useful to our evaluation of changes in the ecosystem (projects SEA/320, APEX/163, and NVP/025) and will be useful to the potential EVOS long-term monitoring program. The GLOBEC program also contributes funding to this project.</p>			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Karen A. Murphy  
U.S. Forest Service, Glacier Ranger District  
PO Box 129  
Girdwood, Alaska 99587

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

RE: Project 99339 / Western Prince William Sound Human Use and Wildlife Disturbance Model  
Project 99399 / Eastern Prince William Sound Human Use and Wildlife Disturbance Model

Dear ~~Ms. Murphy~~ and Mr. Suring:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$67,200 for Project 99339/Western Prince William Sound Human Use and Wildlife Disturbance Model. A copy of the Council's action on your project is enclosed. Please note that FY 99 funding includes completion of the model as well as preparation of a final report.

In regard to Project 99399/Eastern Prince William Sound Human Use and Wildlife Disturbance Model, in June I notified you of my recommendation that the Trustee Council not consider this proposal until the model being developed for the western sound is completed and peer reviewed. The Council accepted my recommendation at its August 13 meeting and did not fund this project for FY 99.

Before Project 99339 may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99339	Western Prince William Sound Human Use and Wildlife Disturbance Model	K. Murphy, L. Suring/USFS	USFS	Cont'd 2nd yr. 2 yr. project	\$67.2	\$0.0	\$0.0	\$0.0	\$67.2

## 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. Maps of present and projected human-use patterns will be incorporated with maps of the distribution of injured resources. This will provide a basis to identify areas where there may be 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. Identification of potential areas of disturbance will allow development of recommended management practices that may eliminate or minimize the negative effects of increasing human use. All injured resources and subsistence species will be addressed in a general approach but specific management recommendations will be developed for harbor seal, pigeon guillemot and cutthroat trout.

## Chief Scientist's Recommendation

This proposal is for the second and final year of a project to model human uses and wildlife disturbance in western Prince William Sound and to develop corresponding management recommendations for a suite of EVOS-injured species. This work is important, both because of the relevance to EVOS recovery and because this pilot effort may have applicability elsewhere. Fund.

## Trustee Council Action

Fund. This project will develop and test in western Prince William Sound a model for projecting future impacts of human use on resources injured by the oil spill. Work to be conducted in FY 99 includes completion of the model and a final report.

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99399	Eastern Prince William Sound Human Use and Wildlife Disturbance Model	K. Murphy, L. Suring/USFS	USFS	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

This project is an expansion of the human-use and wildlife disturbance model being developed for western Prince William Sound (Project /339). The project will use geographic information system (GIS) techniques to describe current human-use patterns in the eastern sound and to model potential changes in those use patterns as a result of additional development. Maps of present and projected human-use patterns will be incorporated with maps of the distribution of injured resources. This will provide a basis to identify areas where there may be conflicts between human use and wildlife concentrations. Disturbance of injured wildlife may result in decreased productivity exacerbating the effects of the spill and prolonging recovery. All injured resources and subsistence species will be addressed in a general approach but specific management recommendations will be developed for harbor seal, pigeon guillemot and cutthroat trout.

## Chief Scientist's Recommendation

Expansion of the work in western Prince William Sound (Project /339) to the eastern sound is premature without there being a completed, peer reviewed product from the current project. Do not fund.

## Trustee Council Action

Do not fund. The Trustee Council may consider proposals to expand or apply the human use model being developed under Project /339 after the model and final report have been completed and peer reviewed.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Stanley Rice, Ph.D.  
NOAA/NMFS Auke Bay Lab  
11305 Glacier Highway  
Juneau, Alaska 99801

RE: Project 99329 / Synthesis of the Toxicological Impacts on Pink Salmon

*Jeep*  
Dear Dr. Rice:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$44,400 for Project 99329/Synthesis of the Toxicological Impacts on Pink Salmon. A copy of the Council's action on your project is enclosed. Please note that FY 99 is expected to be the final year of Trustee Council contribution to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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

Sincerely,

*Molly McCammon*

Molly McCammon  
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

MM/ty

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**Federal Trustees**

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

**State Trustees**

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



# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99329	Synthesis of the Toxicological Impacts on Pink Salmon	S. Rice/NOAA	NOAA	Cont'd 2nd yr. 2 yr. project	\$44.4	\$0.0	\$0.0	\$0.0	\$44.4
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>					
This project will synthesize results of all Trustee Council sponsored studies related to the toxicological damage to pink salmon. Since 1989, five separate Council-sponsored projects have individually advanced 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 FS4B), marine survival and straying of returning adults (Project /076). Data from these studies will be drawn upon in order to construct synthetic conclusions regarding the injury to and subsequent recovery of pink salmon. The results of contracted studies by Exxon Corporation will be compared with the Trustee Council studies.		This project will provide a valuable contribution to the efforts to synthesize Natural Resource Damage Assessment work. Fund.		Fund. In FY 99, this project will complete the synthesis of five separate studies funded by the Trustee Council (FS4B, /076, /191A, /191B, /194) to examine the possible long-term damage to pink salmon of the toxic effects of crude oil. The synthesis will consider additional studies sponsored by Exxon Corporation. Products will be a monograph for publication in a peer reviewed journal and a presentation at the 10 Years After symposium.					

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Dan Gillikin  
U.S. Forest Service  
Glacier Ranger District  
PO Box 129  
Girdwood, Alaska 99587

Patrick Shields  
Limnology Laboratory ADF&G  
3428 Kalifornsky Beach Road #8  
Soldotna, Alaska 99669

RE: Project 99256B / Sockeye Salmon Stocking at Solf Lake

Dear Mr. Gillikin and Mr. Shields:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$68,300 for Project 99256B/Sockeye Salmon Stocking at Solf Lake. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project /256B, funding for FY 2000 and beyond will be considered once the fishway survey and engineering are complete and the construction cost estimate is refined.

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

Sincerely,

Molly McCommon  
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99256B	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS, P. Shields/ADFG	USFS	Cont'd 4th yr. 7 yr. project	\$68.3	\$0.0			\$68.3

## Project Abstract

This project will benefit subsistence users of Prince William Sound focusing on residents of Chenega Bay. Solf Lake has been recognized for many years as an excellent opportunity to reestablish a self-sustaining sockeye salmon run lost as a result of an earthquake in the 1930's. Initial investigations, beginning in FY 96, indicate the lake is still capable of supporting a harvestable population of salmon provided access to migratory fish is improved. Work proposed for FY 99 includes finalizing the design on the migration channel, collecting eggs, rearing and releasing sockeye fry, and monitoring fish out-migration and the limnological characteristics of the lake.

## Chief Scientist's Recommendation

This continuing project is meeting its objectives, and could produce long-term benefits to the local community of Chenega Bay. Fund, but reevaluate after the FY 2000 construction estimate is refined.

## Trustee Council Action

Fund FY 99. Funding for FY 2000 and beyond will be considered once the fishway survey and engineering are complete and the construction cost estimate is refined. This project is intended to provide sockeye salmon as a replacement for subsistence fishing resources injured by the oil spill, particularly for the residents of Chenega Bay. The Alaska Department of Fish and Game has determined that Solf Lake can support a sustainable run of 10,000 sockeye salmon. Stocking began in FY 98; the first adult sockeye are expected to return in 2002.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Jim McCullough  
ADF&G/CFMD  
211 Mission Road  
Kodiak, Alaska 99615-6399

Lisa Scarbrough  
ADF&G  
333 Raspberry Road  
Anchorage, Alaska 99518-1565

RE: Project 99247 / Kametolook River Coho Salmon Subsistence Project

Dear Mr. McCullough and Ms. Scarbrough:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$20,800 for Project 99247/Kametolook River Coho Salmon Subsistence Project. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including general administration) is \$20,000 in FY 00, \$20,000 in FY 01, and \$28,000 in FY 02; this will be reviewed again next year.

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

Sincerely,

Molly McCannmon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99247	Kametolook River Coho Salmon Subsistence Project	J. McCullough, L. Scarbrough/ADFG	ADFG	Cont'd 3rd yr. 6 yr. project	\$20.8	\$0.0	\$20.0	\$20.0	\$88.8

### Project Abstract

Subsistence users from the Alaska Peninsula Native Village of Perryville have noted significant declines in the coho salmon run in the nearby Kametolook River since the oil spill. Criminal settlement funds were used in FY 96 to determine what method would best restore the river's coho salmon stock to historic levels. This project will provide funding through FY 2002 for the Alaska Department of Fish and Game to try conservative and safe restoration methods. Instream incubation boxes have been evaluated and selected as the primary restoration tool to rebuild the depressed coho salmon stock needed for subsistence in the Kametolook River.

### Chief Scientist's Recommendation

This continuing project is meeting its objectives. Fund.

### Trustee Council Action

Fund. This project is using instream incubation boxes to enhance a small coho salmon run near the Alaska Peninsula village of Perryville as a replacement for subsistence resources injured by the oil spill. Trustee Council funding is anticipated through FY 02, at which time the run is expected to be self-sustaining.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

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

RE: Project 99195 / Pristane Monitoring in Mussels

Dear Mr. Short:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$96,700 for Project 99195/Pristane Monitoring in Mussels. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. In regard to Project 195, funding for FY 2000 will be considered following review of the preliminary results of the FY 99 work.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

MM/ty

# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	NOAA	Cont'd 4th yr. 5 yr. project	\$96.7	\$0.0			\$96.7
<u>Project Abstract</u> This project will monitor pristane in mussels through the spring production cycle as an indirect index of predation by juvenile salmon, herring, and nearshore forage fish on <i>Neocalanus spp.</i> zooplankton. This index may provide a forecast of poor recruitment for pink salmon or herring caused by poor feeding conditions during the early marine residence portions of their life-cycles.			<u>Chief Scientist's Recommendation</u> Tracking pristane concentrations in mussels may be a useful tool for monitoring the transfer of energy from copepods to juvenile salmon, and this approach may have a place in a long-term monitoring program. However, the potential of this tool has not been fully established and it is now timely to address the strength of the correlations with salmon production, which can be done through cross-correlations with SEA (Project /320) and hatchery data. The revised proposal includes testing for correlations with marine survival of hatchery-reared salmon. I recommend funding this project in FY 99.			<u>Trustee Council Action</u> Fund revised Detailed Project Description, which includes analysis of the relationship between salmon production and the pristane level in mussels. If successful, this project could provide a relatively inexpensive measure of marine productivity, thus allowing predictions about future fisheries production and harvest levels. Funding for FY 2000 will be considered following review of the preliminary results of the FY 99 work.			

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Fred W. Allendorf, Ph.D.  
Division of Biological Sciences  
University of Montana  
Missoula, MT 59812

RE: Project 99190 / Construction of a Linkage Map for the Pink Salmon Genome

*Fred*  
Dear Dr. Allendorf:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$212,100 for Project 99190/Construction of a Linkage Map for the Pink Salmon Genome. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance or executing an RSA will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future year's funding projection for your project (including general administration) is \$187,300 in FY 00; this will be reviewed again next year.

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

Sincerely,

*Molly McCammon*

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

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## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 4th yr. 5 yr. project	\$212.1	\$0.0	\$187.3	\$0.0	\$399.4

### Project Abstract

This project will complete a genetic linkage map for pink salmon in FY 98. The first primary aspect of the project in FY 99 is to add additional markers, consolidate linkage groups using gene-centromere mapping, and add additional anchor loci. The second primary aspect is to continue experiments at the Alaska SeaLife Center that use the linkage map to test for organismal effects of regions of the genome on phenotypes that affect traits that are important to recovery of pink salmon (e.g., growth and disease resistance). The project also will test whether there are regions of the genome that are affected by natural selection resulting in differential marine survival of individuals with different genotypes.

### Chief Scientist's Recommendation

This is a forward-looking and scientifically sophisticated project by a talented principal investigator and his team. The objective of the project is to construct a genetic linkage map for pink salmon. The project was successfully reviewed in FY 98. The emphasis in FY 99 will be on mapping traits that are of potential adaptive significance to pink salmon, such as run timing and temperature tolerance. Fund.

### Trustee Council Action

Fund revised Detailed Project Description, which focuses on mapping traits that are of potential adaptive significance to pink salmon. This project, which is being conducted in part at the Alaska SeaLife Center, is designed to improve understanding of genetic variation in pink salmon and how such variation relates to marine survival, run timing, size, and other traits that are important from the standpoint of salmon restoration, management, and harvest. [NOTE: Funding includes \$24,800 for Alaska SeaLife Center bench fees.]

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Wes Bucher  
ADF&G/CFMD  
3298 Douglas Street  
Homer, Alaska 99603

RE: Project 99139A2 / Port Dick Creek Tributary Restoration and Development

Dear Mr. Bucher:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 1999 Work Plan at its meeting on August 13, 1998. I am pleased to inform you that the Council approved funding in the amount of \$85,800 for Project 99139A2/Port Dick Creek Tributary Restoration and Development. A copy of the Council's action on your project is enclosed. Please note that the Council is encouraging you to prepare and submit a manuscript to a peer reviewed journal in FY 99.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 1998. If so, you may receive authorization from the Executive Director to begin the FY 99 project on that date. Any delay in documenting compliance will delay the start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 99 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including general administration) is \$47,000 in FY 00 and \$10,000 in FY 01; this will be reviewed on an annual basis.

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

Sincerely,

Molly McCammon  
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

MM/ty

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99139A2	Port Dick Creek Tributary Restoration and Development	W. Bucher/ADFG	ADFG	Cont'd 4th yr. 6 yr. project	\$85.8	\$0.0	\$47.0	\$10.0	\$147.8

### Project Abstract

This project will restore the native Port Dick Creek salmon stocks which were exposed to moderate to heavy oiling. Actual restoration of the spawning habitat took place in June 1996. Natural colonization rates were adequate to fully seed the newly restored spawning habitat. Water temperature, water level, salinity, and stream velocity will be monitored as these parameters are well correlated in the literature with spawning success and egg-to-fry survival. Additional sedimentologic parameters (bedload transport, accumulated sediments, and gravel/cobble transport rates) will also be analyzed. These activities as well as evaluation studies will be conducted annually from FY 96 to FY 2000, with possible extension of minor monitoring through FY 02 for streambed stability research.

### Chief Scientist's Recommendation

This is a solid example of a practical fisheries restoration and enhancement project. It has successfully created salmon habitat which previously had been destroyed. The basic observations of geomorphology and hydrology, and particularly the stability of the streambed, are something that has not been well addressed in the scientific literature on salmon restoration. Also, the partitioning of effects between fresh and marine survival helps determine the effectiveness of stream restoration. The additional season of monitoring is appropriate. However, I encourage the investigators to include in their FY 99 work preparation and submission of a manuscript to a peer reviewed journal. Fund.

### Trustee Council Action

Fund. This project will continue to evaluate the effects of improvements on Port Dick Creek, which are designed to increase available spawning habitat and thus provide additional pink and chum salmon for harvest as a replacement for salmon lost in the oil spill. In the spring of 1997, the first year the number of fry produced by the project was measured, field staff enumerated a combined total of 324,889 pink and chum fry from the creek, which resulted in an estimated egg-to-fry survival rate of 42%. In FY 99, monitoring of spawning success, and monitoring of streambed stability to ensure optimal spawning habitat over the long term, will continue in order to evaluate project success. Also in FY 99, the principal investigator is encouraged to prepare and submit a manuscript to a peer reviewed journal.

# Exxon Valdez Oil Spill Trustee Council

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



August 19, 1998

Vince Patrick  
Prince William Sound Science Center  
PO Box 705  
Cordova, Alaska 99574

RE: Project 99431-BAA / Prototype Modeling Products: Transition, Alpha Testing, and Benefit-to-Cost Analysis for Products from Project /320

*Vince*  
Dear Mr. Patrick:

The Exxon Valdez Oil Spill Trustee Council received more than \$25 million in proposals for Fiscal Year 1999. Unfortunately, it was not possible to fund all projects that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 99431/Prototype Modeling Products: Transition, Alpha Testing, and Benefit-to-Cost Analysis for Products from Project /320. The Council acted on the FY 1999 Work Plan on August 13, 1998. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 99. A copy of the Council's action on your project is enclosed.

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

Sincerely,

*Molly*  
Molly McCammon  
Executive Director

Enclosure

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

MMW

*Great news about OSRI approving funds for this project. Let's keep talking about future OSRI participation after SET closes out. M.*

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# SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/13/98) / FY 99 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY99 Fund	FY99 Defer	FY00 Estimate	FY01 Estimate	Total FY99-02
99431-BAA	Prototype Modeling Products: Transition, Alpha Testing, and Benefit-to-Cost Analysis for Products From Project /320	V. Patrick/PWSSC	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

## Project Abstract

Throughout the implementation of the Restoration Plan, the Trustee Council has expressed the objective of fully developing the findings and technologies of the restoration projects into applications with long term, continuing utility and benefit for the spill-affected region. This project will address that objective. The project identifies a first set of restoration results that in FY 99 will be appropriate for application prototyping and performance trials. A pivotal issue is the benefit-to-cost ratio for any set of the applications. This project will configure a selected set of products for prototyping and target a maximally broad constituency, the goal being economically viable products and support system based on a strong benefit-to-cost ratio.

## Chief Scientist's Recommendation

The SEA project (1320) has produced a great deal of information that will benefit users in fisheries management, the fishing industry, port and shipping interests, and others. There is value in thinking carefully about what EVOS information will benefit these groups and how best to foster the necessary transfer of information. However, the modeling products from SEA are still being produced. It is premature to fund further development of models until prototypes are produced and reviewed. Do not fund.

## Trustee Council Action

Do not fund. The concept of this project, which is to develop models for use by non-scientists, has merit but is premature until the modeling products currently being developed under SEA (Project /320) are available and have been reviewed.

# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

**To:** Tuula Marquardt  
Int. Auditor III  
Alaska Department of Fish & Game

**From:** Tami Yockey *dy*  
Administrative Assistant II

**Date:** August 24, 1998

**Subject:** Lapse Forward Funds

---

The purpose of this memo is to request that funds be lapsed forward in 11981600/11981613.

The amounts lapsed forward should be:

Line 100	\$ 5,217.86
Line 300	<u>\$11,415.00</u>
Total	\$16,632.86

The funds need to be lapsed forward for the new RSA for the NRDA reports.

Thank you for your help with this matter. If you have any questions, please give me a call.

ty

# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Bruce Wright / NOAA

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 98468 / FEATS: Fundamental Estimations of  
Acoustic Target Strength

DATE: August 18, 1998

With recent receipt in my office of NEPA compliance documentation, work is now formally authorized to proceed on Project 98468 / FEATS: Fundamental Estimations of Acoustic Target Strength. The work must be performed consistent with the June 30, 1998 memo from Jay Kirsch to Stan Senner (copy attached).

---

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Alaska Department of Law



## MEMO

TO: Stan Senner, EVOSTC  
FROM: Jay Kirsch, PWSSC  
DATE: June 30, 1998  
RE: FEATS FY98 work

We have reviewed our schedule and budget for FY98, and have split the tasks between FY98 and FY99.

In summer 1998 we will design, construct (contract), and test a preliminary support structure using PWSSC personnel part-time, and local fabricators. The components to tether the fish and to lower a transducer to depth will not be included in this structure until early 1999. An underwater video camera and video frame grabber will be specified and purchased.

In October 1998 the field experiments will take place. Only non-spawning fish can be measured, as spawning takes place in spring. Only herring can be measured, as (to the best of our knowledge) sandlance can only be caught during summer. Fish will be caged only, not tethered, so fish orientation can not be controlled, only monitored. The transducer will only be able to operate at the surface, not deep, so assessment of depth dependence will be limited.

In November and December 1998 data processing and analysis will be conducted, so that by mid-December 1998 a preliminary TS equation for herring will be available, and sent to PWS researchers. In January 1999, we will write a preliminary report describing the methods and results.

In Spring 1999 we will measure pre-spawning herring, with more depth and orientation information. In Summer 1999, we will measure and describe sandlance TS. By September 1999 we will have finished all experiments and drafts of the manuscripts.

  
Jay Kirsch, co-P.I.




# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Marie Brunner  
University of Alaska Anchorage  
Grants and Contracts  
P.O. Box 9-2330  
Anchorage, Alaska 99509-2330

FROM: Eric F. Myers   
Director of Operations

DATE: August 17, 1998

SUBJ: ARLIS Contribution from EVOS Trustee Council

Please find attached copies of the approved budgets for the *Exxon Valdez* Oil Spill Trustee Council contributions to ARLIS for federal fiscal years 1998 and 1999.

### FFY 98 (\$000s)

Personnel:	\$127.2
Other:	\$ 48.0 (lease and subscriptions)

### FFY 99 (\$000s)

Personnel:	\$128.4
Other:	\$ 44.8 (lease and subscriptions)

You will also note that these budget forms reflect administration costs (approximately \$22.5 in each fiscal year) associated with the funding contributed to ARLIS that are not included within the figures cited above but nevertheless represent real costs to the Trustee Council.

If you have questions concerning this information, please contact me at 278-8012.

enclosures

cc: Cathy Vitale  
Carrie Holba

# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

To: Cathy Vitale  
Carrie Holha Number: 271-4742

From: Eric Myers Date: Aug. 17, 1998

Comments: Total Pages: 2

Memo to Marie Brunner regarding  
EVO's Contribution to ARLIS

**FAX COMPLETE**

HARD COPY TO FOLLOW no

Document Sent By: Jamie

3/27/98

# Exxon Valdez Oil Spill Trustee Council

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



August 17, 1998

D. Douglas Blanke  
Director of Consumer Policy  
Office of the Attorney General  
NCL Tower - Suite 1400  
445 Minnesota Street  
St. Paul, MN 55101-2131

Dear Mr. Blanke:

Please find enclosed documents pertaining to the resolution of civil litigation between the United States government and the State of Alaska against Exxon following the *Exxon Valdez* oil spill. These include:

- Agreement and Consent Decree
- Memorandum of Agreement and Consent Decree (MOA)
- Government's Memorandum in Support of Agreement and Consent Decree
- Memorandum of Understanding

Read collectively, these documents provide the basis for the \$900 million settlement overseen by the *Exxon Valdez* Oil Spill Trustee Council.

Also enclosed is a graphic that depicts the flow of funds under the terms of the settlement as well as a copy of the *Restoration Plan* adopted by the Trustee Council in 1994 that guides decisions over use of the settlement funds. I am not sure whether these materials will be of any relevance to your efforts in Minnesota. As you will note in the Agreement and Consent Decree, the designation of the trustees of Natural Resources derives from authorities under the Clean Water Act. Nevertheless, perhaps there is something within all this paper that may be useful.

Thank you again for your good work on behalf of the public interest.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric F. Myers', with a long horizontal flourish extending to the right.

Eric F. Myers  
Director of Operations

enclosures


# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Tom Taylor, Contracts and Lands Coordinator  
Alaska Department of Fish and Game

FROM: Eric F. Myers   
Director of Operations

DATE: August 17, 1998

SUBJ: ASPS for Network Operating System Contract

Please find attached an ASPS form concerning an effort by the Restoration Office to upgrade our Local Area Network (LAN) operating system. The essential purpose for the proposed contract is to resolve Year 2000 compliance concerns. Work under the proposed contract would consist of migrating our existing LAN file server operating system and user accounts from the NetWare 3.11 to NT 4.0.

If you have questions concerning this ASPS please let me know. Thanks in advance for your help.

cc: Traci Cramer  
Tami Yockey

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## State of Alaska

## AUTHORITY TO SEEK PROFESSIONAL SERVICES

1. Agency Reference Number

2. ASPS Number

3. Date Required for Service Execution

If required by the State Administrative Manual, this form must be executed prior to seeking PROFESSIONAL SERVICES CONTRACTS. The completed form must be part of the contract file.

4. Department Fish and Game	Dept. No. 11	5. Division Oil Spill Trustee Council	Division No.
6. Service Code(s)	7. Name of Program, Project or Service	8. Statutory Authority (If Applicable)	
9. Amount this ASPS \$ 10,000	10. Last Total ASPS Amount \$	11. Total Estimated Amount for Project Completion \$10,000	
12. Total Projected Period of Performance (Include All Multi-Year Phases and Optional Renewals) From: September 1, 1998 To: September 30, 1998			
13. Phase(s)			
14. Project Director's Name Eric Myers	Phone 278-8012	15. Preparer's Name Jeff Lawrence	Phone 278-8012

## 16. Purpose(s) of Contract (Continue on Additional Pages if Necessary)

The Existing Restoration Office file server and network operating system (NetWare 3.11) is not Year 2000 compliant. The proposed contract would retain the services of a consultant to provide appropriate specifications and conduct necessary configuration of a replacement File Server that is year 2000 compliant and capable of running Windows NT Server. The selected vendor would also be responsible for the full NetWare 3.11 to NT 4.0 network migration (including server installation/configuration, user account migration and client workstation configuration for access to Windows NT Server).

If a solicitation effort other than competitive-sealed proposals or small procurement is anticipated, Form 02-100, Request for Alternate Procurement, must be attached and approved by the Department of Administration prior to proceeding with procurement.

## CONTRACTING DEPARTMENT

Approval of this Authority is contingent upon use of the 10% evaluation point and the 5% price based Alaskan vendor preference.

17. Department Head/Authorized Representative Name John White	Signature
Department Head/Authorized Representative Title Procurement Officer	Date

# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

To: Tom Taylor Number: 1-907-465-6078

From: Eric Myers Date: Aug. 17, 1998

Comments: Total Pages: 3

Memo regarding ASPS for network  
operating system Contract

CC: Traci Cramer

~~FAX COMPLETE~~

HARD COPY TO FOLLOW yes

Document Sent By: Jami

3/27/98

# Exxon Valdez Oil Spill Trustee Council

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



August 17, 1998

Susan B. Padgett  
875 LaTouche Street, #1011  
Anchorage, Alaska 99501

Dear Ms. Padgett:

Thank you for your interest in possible employment with the *Exxon Valdez* Trustee Council.

At this time, there are no positions for which we are hiring and as the Trustee Council restoration program continues to downsize, we do not foresee any vacancies in the future.

Again, we appreciate your interest and wish you luck in your employment search.

Sincerely,

Eric F. Myers  
Director of Operations

EFM/ty

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# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Jim Wolfe  
Deborah Williams  
Marty Rutherford  
Craig Tillery

FROM: Molly McCammon  
Executive Director

DATE: August 17, 1998

SUBJ: Large Parcel Habitat Program - Official Record & Public Record

As we near completion of many of the Large Parcel habitat protection efforts initially identified in the Restoration Plan as adopted in 1994, a review of the Restoration Office files has resulted in some questions concerning the extent of the records that should be maintained. As representatives of government agencies involved in the Trustee Council authorized acquisitions, I would like to ask for your consideration of these issues.

The purpose of this memorandum is to outline several options to ensure that:

- 1) the Trustee Council's official record appropriately documents the Large Parcel decision-making process; and
- 2) there is reasonable public access to information regarding the basis for Trustee Council actions to fund the acquisition of various Large Parcels.

In particular, this memo addresses the question of what appraisal information and documentation should be on file in the Restoration Office as part of the Trustee Council's official record and also available to the public through the Alaska Resources Library and Information Service (ARLIS) as distinguished from those materials located only in agency files.

The Restoration Office maintains the official record of the Trustee Council's actions.<sup>1</sup> This includes transcripts of Council meetings, materials presented to the Council at the

<sup>1</sup> The *Procedures* (1996) direct that an official record of the Trustee Council be maintained: "Minutes of Council Meetings. All meetings shall be recorded electronically or by Court Reporter, and said records shall, along with written, approved meeting notes, constitute the official record of the Council's actions" (page 7, item 9). The *Procedures* also provide that "Under the supervision of the Executive Director, the Restoration Office is responsible for ... maintaining the official record of the Council's actions..." (page 7, item 2). Respecting public access to information, the *Procedures* state:



meetings, approved meeting minutes, and documentation of all Council approved actions such as the annual Work Plan or habitat purchase resolutions which are incorporated into the approved meeting minutes. A duplicate set of the information included in the official record at the Restoration Office is also maintained at ARLIS for ready public access (the "public record").

Habitat Protection program files for both the Small Parcel program and the Large Parcel program are also maintained at the Restoration Office. The Small Parcel program files include small parcel nomination forms, interagency evaluation score sheets, various correspondence, site maps, restoration benefits reports, resolutions authorizing use of settlement funds for acquisitions and public comment. An effort to add small parcel appraisals to the files is in progress and nearly complete.<sup>2</sup> Additional material concerning individual small parcel acquisitions (e.g., purchase agreements, title searches, documentation of hazardous materials surveys, etc.) are maintained by the acquiring lead agencies.

In contrast to the Small Parcel files, material in the Large Parcel files is voluminous and a very large and complex quantity of documentation has been generated. In several cases, multiple appraisals have been prepared concerning various property interests by the governments, the seller, or both to assess land values, marketable commodity values, perceived public interest values, etc. In addition, numerous appraisal reviews and correspondence have been generated.

While a substantial number of individual documents have been provided to the Restoration Office by lead agencies during consideration of particular acquisitions, provision of such documents has not been systematic nor is it known to Restoration Office staff whether the documentation at the Restoration Office is comprehensive. In general, the Large Parcel files in the Restoration Office contain information dating back to the initial Large Parcel evaluation process, including documents regarding proposed as well as completed or pending Large Parcel acquisitions, associated correspondence, maps, public comment, and other documents concerning individual parcels. A number of documents provided to the Restoration Office are identified as confidential or otherwise subject to attorney-client privilege.

In summary, a reliably complete record of appraisal information for each authorized Large Parcel acquisition does not exist outside of the respective lead agencies and it is not possible for either Restoration Office staff or ARLIS librarians to respond knowledgeably to inquiries involving Large Parcel appraisal information. Without additional assistance from the lead agencies to identify exactly what documentation constitutes an appropriate record for each acquisition, Restoration Office staff do not have the ability to determine what fraction of the pertinent appraisal documentation has been provided to the Restoration Office. Additionally, several appraisal documents and correspondence located in the Restoration Office are apparently restricted (confidential or subject to attorney-client privilege) and clarity regarding the status of these

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<sup>1</sup> "Access to Information. The public shall have access to the official record of the Council's actions and information regarding proposed or completed studies or other activities funded by Joint Trust Funds" (page 10, item 4).

<sup>2</sup> ARLIS staff has made arrangement for copies of most appraisals to be provided. Authorization of the release of BIA appraisals is pending.

documents is needed so that it can be determined which materials, if any, are not available for public review.

### Options

Three options to address this matter are outlined below.

#### **Option 1 - List and Documents Provided to the Restoration Office/ARLIS.**

-- Under this option, lead agencies for each Large Parcel acquisition would furnish a listing of key appraisal documents, together with a copy of each document that provided the basis for Trustee Council action (appraisals, appraisal reviews, final maps, etc.) that is not already on file at the Restoration Office. The listing and other materials not presently on file would be incorporated into the official record/public record.<sup>3</sup>

-- Upon request ARLIS would provide key appraisal documents for public review. Additional questions concerning appraisal issues would be referred to agency liaisons or other individuals identified as appropriate by lead agencies.

-- Documents at the Restoration Office/ARLIS would be available for review by the public. If confidential or otherwise restricted, materials would be retained by the lead agency. Any restricted or confidential documents presently in the possession of the Restoration Office would be returned to the respective agencies.

#### **Option 2 - List-Only Provided to Restoration Office/ARLIS.**

-- Under this option, lead agencies for each completed Large Parcel acquisition would provide only a listing of key appraisal documents (appraisals, appraisal reviews, maps, etc.). The listing would be maintained on file in the Restoration Office as part of both the official record and at ARLIS in the public record and available for public review.

-- Inquiries regarding appraisal issues received by the Restoration Office or ARLIS would be referred to agency liaisons or other individuals identified as appropriate by lead agencies.

-- Large Parcel appraisal documents on file at the Restoration Office would be placed in the official record and recorded in the public record together with a statement indicating that a complete accounting of appraisal information must be obtained from the respective lead agency for the acquisition. Materials currently on file at the Restoration Office that indicate limitations on public disclosure would be returned to the respective agencies.

#### **Option 3 - Restoration Office Files Not Updated - Marked As Incomplete.**

-- Under this option, the Large Parcel files located in the Restoration Office and the public record at ARLIS would not be updated to reflect a complete accounting of key

---

<sup>3</sup> The Restoration Office/ARLIS would use the listing of key documents to assess what fraction of the record is presently on hand at the Restoration Office/ARLIS and then proceed to integrate additional materials.

appraisal documents. Documents on file in the Restoration Office/ARLIS would be placed in the official record and recorded in the public record together with a statement indicating that a complete accounting of appraisal information must be obtained from the respective lead agency for the acquisition.

-- Inquiries regarding appraisal issues received by the Restoration Office or ARLIS would be referred to agency liaisons or other individuals identified as appropriate by lead agencies.

-- Materials on file at the Restoration Office that indicate limitations on public disclosure would be returned to the respective lead agencies.

A summary of the three options is provided by Table 1.

#### Recommendation

Your review and comment on these options would be greatly appreciated. At this point, I feel that Option 2 would be the most appropriate means to assure that an appropriate record of key documents is maintained at the Restoration Office and ARLIS in keeping with the *Procedures* without requiring substantial work on the part of the respective land management agencies. I have asked staff to set up a teleconference to discuss this issue and determine if we can reach a consensus.

Tabel 1. Summary of Options

	LEAD AGENCY PROVIDES LIST OF KEY DOCUMENTS	KEY APPRAISAL DOCUMENTS PROVIDED TO RESTORATION OFFICE	RESTORATION OFFICE RETAINS APPRAISAL DOCUMENTS	RESTORATION OFFICE RETURNS CONFIDENTIAL DOCUMENTS
OPTION 1	Yes	Yes	Yes	Yes
OPTION 2	Yes	No	Yes *	Yes
OPTION 3	No	No	Yes **	Yes

\* only non-confidential documents already on file in the Restoration Office/ARLIS

\*\* appraisal materials filed but marked as incomplete record

## TRUSTEE COUNCIL OFFICIAL RECORD

The Trustee Council adopted comprehensive revised *Procedures* August 29, 1996. The *Procedures* superseded previously adopted Operating Procedures (January 10, 1992) and Financial Procedures that had been adopted in 1992 (September 21, 1992).

The *Procedures* (1996) direct that an official record of the Trustee Council be maintained: "Minutes of Council Meetings. All meetings shall be recorded electronically or by Court Reporter, and said records shall, along with written, approved meeting notes, constitute the official record of the Council's actions" (page 7, item 9). The *Procedures* also provide that "Under the supervision of the Executive Director, the Restoration Office is responsible for ... maintaining the official record of the Council's actions..." (page 7, item 2). Respecting public access to information, the *Procedures* state: "Access to Information. The public shall have access to the official record of the Council's actions and information regarding proposed or completed studies or other activities funded by Joint Trust Funds" (page 10, item 4).

In addition, the Charter of the Public Advisory Group requires: "Detailed minutes of all meetings... shall be prepared and made available to the Public through the Executive Director." The Charter further requires that: "All accounts and records of the activities and transactions of the [PAG] shall be kept and maintained by the Staff of the Executive Director and, subject to the provisions of 5 U.S.C. subsection 552, such accounts and records shall be available for inspection at the offices of the Executive Director" (PAG Charter, page 4, section 8).

The history of the Trustee Council's official record keeping was the subject of research by Carrie Holba, Director of the Oil Spill Public Information Center as presented in a memo dated June 28, 1996. No mention of record keeping requirements for the Trustee Council was found in the Memorandum of Agreement and Consent Decree (8/28/91), the Agreement and Consent Decree (9/30/91) or the Governments' Memorandum in Support of Agreement and Consent Decree (10/8/91). Trustee Council transcripts from 1991 and 1992 were also reviewed. Only general references to record keeping were found. No formal motion or resolution was made creating the Trustee Council administrative record nor was any specific statement of intent, purpose, structure or procedures concerning administrative record keeping found.

Various individuals were consulted including former Interim Administrative Director Dave Gibbons and Alex Swiderski, Assistant Attorney General for the State of Alaska. The Operating Procedures initially adopted by the Trustee Council on January 10, 1992 recognized that the duties of the Administrative Director included "maintenance of necessary administrative records." The 1992 Operating Procedures stated that all meetings of the Council "shall be recorded electronically or by court reporter, and said recordings shall, along with the written, approved minutes, constitute the official record of the Council's actions," language that is essentially identical to that found in the current *Procedures* (1996). Dave Gibbons indicated that he had been advised by the Department of Justice concerning the need to document Trustee Council actions in the event of a lawsuit. Mr. Gibbons initially selected U.S. Forest Service procedures to guide

maintenance of the Trustee Council records. Guidelines for the structure and content of the administrative record were subsequently prepared by Peg Thompson in May 1992 on the basis of U.S. Forest Service policy. Alex Swiderski advised that while there is no state requirement for an administrative record, there was a strong perception on the part of the Trustee Council that the restoration program was a public process and that meaningful public participation, as required by the Memorandum of Agreement, required good record keeping to inform the public.

The Restoration Office maintains the official record of the Council's actions. This includes transcripts of Council meetings, materials presented to the Council at the meetings, approved meeting minutes, and documentation of all Council approved actions such as annual Work Plans or habitat purchase resolutions which are incorporated into the approved meeting minutes. A duplicate set of the information included in the official record at the Restoration Office is also maintained at ARLIS for ready public access (the "public record").

In addition to the materials required as part of the official record, the Restoration Office maintains a great variety of files that document various aspects of the restoration program. This includes:

- a small library of printed documents dating back to the 1991 settlement as well as files that document individual projects as proposed and funded through the annual work plan process;
- individual project files with Detailed Project Descriptions (DPDs) and budgets along with associated supporting materials and correspondence (e.g., NEPA determinations, Executive Director authorizations to proceed with expenditures, documentation of any authorized change in scope of project, etc.);
- files on the Small Parcel and Large Parcel habitat protection programs are also maintained by the Restoration Office; and
- other program management and administrative files.

# Exxon Valdez Oil Spill Trustee Council

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



August 12, 1998

Mr. Larry Dietrick, Program Manager  
Prevention and Emergency Response  
410 Willoughby Avenue - Suite 105  
Juneau, Alaska 99801-1795

*Larry*  
Dear Mr. Dietrick:

Thanks for the information you provided regarding the SCAT database and planning associated with the Spill of National Significance (SNS). To follow up our phone conversation, I am providing you with a copy of the Agreement and Consent Decree ("Consent Decree") entered into by the state and federal governments with Exxon that resolved the civil litigation.

The Consent Decree specifies permissible uses of the civil settlement funds (see Payment Terms, paragraph 10, pgs. 9-11). Amounts paid under the Consent Decree "shall be applied by the Governments solely for" the purposes identified, including the following: 1) reimbursement of government response/cleanup costs prior to December 31, 1990; 2) reimbursement of government costs for natural resource damage assessment costs on or before March 12, 1991; 3) reimbursement of State litigation costs incurred on or before March 12, 1991; 4) reimbursement of government costs for response/clean-up from the oil spill incurred after December 31, 1990; 5) payment of costs incurred by the governments after March 12, 1991 to assess injury resulting from the oil spill and "to plan, implement and monitor the restoration, rehabilitation, or replacement of Natural Resources, natural resource services, or archaeological sites and artifacts injured, lost, or destroyed as a result of the oil spill, or the acquisition of equivalent resources or services"; and 6) to reimburse the State for reasonable litigation costs incurred after March 12, 1991.<sup>1</sup>

In addition to the Consent Decree, the United States and the State of Alaska entered into a Memorandum of Agreement and Consent Decree ("MOA") that further defined the process by which settlement funds would be used. Copy enclosed. The MOA provides that decisions regarding use of trust funds shall be made jointly by the two governments through the unanimous agreement of all six Trustees (3 federal and 3 State). The MOA

<sup>1</sup> The civil settlement called for a total of \$900 million to be paid by Exxon. The Consent Decree, however, also provided that Exxon would continue cleanup work and that the corporation would be entitled to a credit, applied to its payments due, for cleanup work at the direction of the governments' on scene coordinators. This eventually resulted in a credit to Exxon of \$39.9 million.

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states: "The Governments shall jointly use all natural resource damage recoveries for purposes of restoring, replacing, enhancing, rehabilitating or acquiring the equivalent of natural resources injured as a result of the Oil Spill and the reduced or lost services provided by such resources" net of reimbursements for previously incurred response, cleanup and litigation costs.

In summary, apart from the reimbursement of past response, cleanup, damage - assessment and litigation costs, the civil settlement funds are to be used to restore, replace, enhance, rehabilitate or acquire the equivalent of injured natural resources and the associated human services (fishing, subsistence, recreation). By contrast, the terms of the Criminal Plea Agreement were more expansive and explicitly anticipated the use of criminal settlement funds for prevention and response research programs. The criminal restitution funds must be used "exclusively for restoration projects within the State of Alaska, relating to the *Exxon Valdez* oil spill." The definition of "restoration" includes: "restoration, replacement, and enhancement of affected resources, acquisition of equivalent resources and services; and long-term environmental monitoring and *research programs directed to the prevention, containment, cleanup and amelioration of oil spills*" (emphasis added).

The Trustee Council restoration program under the terms of the civil settlement has been developed with recognition that scientific research and monitoring are essential to understanding and guiding restoration activities. This includes understanding the status of recovery, whether restoration actions are successful and what factors may be constraining recovery. In the course of conducting a wide range of restoration projects a considerable body of information has been developed regarding sensitive seasonal habitats. In the *Invitation to Submit Restoration Proposals for Federal Fiscal Year 1999* (issued in February 1998) the Restoration Office specifically recognized the value of mapping "environmentally sensitive areas" that could be identified using Trustee Council research results and invited proposals to that end.

In response to the *Invitation*, a proposal was developed by NOAA (Project 99368) to update maps of environmentally sensitive areas in Prince William Sound. The proposal has been favorably reviewed by the Chief Scientist: "These maps were [previously] prepared in 1988, before the oil spill and preparing an updated version will allow integration of a wealth of EVOS data...." A copy of the Detailed Project Description for the project, which has now been recommended for funding by the Executive Director, is enclosed. It is anticipated that the project will be funded as a one-year project during FFY 99. While the new maps will have many applications, one major benefit will be to capture the results of many Trustee Council sponsored research projects and make the information available in a manner that can also help future oil spill response planning.

As you are aware, a project proposal was also submitted by ADEC that was intended to create a scientific sampling protocol that most efficiently documents environmental impacts and better prepares state and federal resource agencies to assess injuries in the event of another spill (Project 99456). The Chief Scientist's review of this proposal recognized "the important issue of making sure that the experience gained from response and restoration after the oil spill is used to improve our ability to understand and mitigate the impacts of future oil spills." However, the scientific review also found that the "technical approach is vague and sections of the proposal were unfinished" and

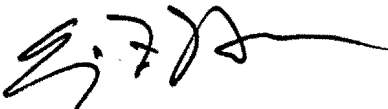


that the proposal did not evidence the necessary technical expertise needed to accomplish the goals of the project. The project proposal was withdrawn by the sponsor prior to further evaluation by the Executive Director.

While the specific proposal presented (Project 99456) was not endorsed for funding, the Chief Scientist noted that "rigorous review of this issue could be an important contribution to the legacy from the restoration program." Stan Senner, Science Coordinator in the Restoration Office has indicated that this topic has been noted by some of the other scientific peer reviewers and Executive Director Molly McCammon has expressed interest in further discussion on this effort.

I hope this additional information is helpful to you. Thanks again for your comments and please know that I will share them with others in the Restoration Office.

Sincerely,



Eric F. Myers  
Director of Operations

enclosures:

- Agreement and Consent Decree ("Consent Decree")
- Memorandum of Agreement and Consent Decree ("MOA")
- Project 99368/Seasonal Map Series in PWS - Detailed Project Description


# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Molly McCammon

FROM:   
Traci Cramer  
Administrative Officer

DATE: August 11, 1998

RE:

On May 8, 1998, I provided you a memorandum and supporting documentation regarding two accounting issues involving the Department of Environmental Conservation. While one issue appears to have been addressed, I continue to be concerned about the March 1998 payroll charge and the April 1998 payroll adjustment.

While the payroll charges maybe appropriate, I would strongly recommend that the department review the timesheets of the previous Liaison to ensure that the charges can be supported.

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# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Agency Liaisons

FROM: *Traci Cramer*  
Traci Cramer  
Administrative Officer

DATE: August 11, 1998

RE: DRAFT Resolution

Attached for your immediate review is a DRAFT resolution and corresponding worksheets. The resolution includes a net zero adjustment associated with Fiscal Year 1998 and funding for implementation of the Fiscal Year 1999 Work Plan. Please note that as of the date of this memorandum, the distribution of funding for project 99391 'Information Management/Monitoring System' was unknown.

Please confirm that the titles are correct and that the numbers are accurate. If you discover any errors, please contact me immediately. I will be traveling to the Anchorage Office on Wednesday and can be reached at (907) 278-8012.

cc: Bob Baldauf  
Sandra Schubert

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# Exxon Valdez Oil Spill Trustee Council

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



## RESOLUTION OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

We, the undersigned, duly authorized members of the *Exxon Valdez* Oil Spill do hereby certify that, in accordance with the Memorandum of Agreement and Consent Decree entered as settlement of United States of America v. State of Alaska, No. A91-081 Civil, U.S. District Court for the District of Alaska, and after public meetings, unanimous agreement has been reached to expend funds received in settlement of State of Alaska v. Exxon Corporation, et al., No. A91-083 CIV, and United States of America v. Exxon Corporation, et al., No. A91-082 CIV, U.S. District Court for the District of Alaska, for necessary natural resource damage assessment and restoration activities. The resolution includes a net zero adjustment within the 1998 Work Plan and \$14,860,800 for implementation of the 1999 Work Plan.

The monies are to be distributed according to the following schedule:

Alaska Department of Fish & Game	6,164,400
Alaska Department of Natural Resources	1,391,700
Alaska Department of Environmental Conservation	<u>1,972,800</u>
<b>SUBTOTAL TO STATE OF ALASKA</b>	<b>\$9,528,900</b>
 U.S. Department of Agriculture, Forest Service	 622,800
U.S. Department of the Interior	2,599,100
National Oceanic & Atmospheric Administration	<u>2,110,000</u>
 <b>SUBTOTAL TO UNITED STATES OF AMERICA</b>	 <b>\$5,331,900</b>
 <b>TOTAL APPROVED</b>	 <b>\$14,860,800</b>

By unanimous consent, we hereby request the Attorney General of the State of Alaska and the Assistant Attorney General of the Environmental and Natural Resources Division of the United States Department of Justice to petition the United States District Court for the District of Alaska for the withdrawal of the sum of \$14,860,800 from the Court Registry Account established as a result of the governments' settlement with Exxon Corporation. Of this amount \$5,331,900 shall go to the United States and \$9,528,900 shall go to the State of Alaska.

\_\_\_\_\_  
Dated \_\_\_\_\_  
JAMES A. WOLFE  
Trustee Representative  
Alaska Region  
USDA Forest Service

\_\_\_\_\_  
Dated \_\_\_\_\_  
BRUCE M. BOTELHO  
Attorney General  
State of Alaska

\_\_\_\_\_  
Dated \_\_\_\_\_  
DEBORAH L. WILLIAMS  
Assistant to the Secretary for Alaska  
U.S. Department of the Interior

\_\_\_\_\_  
Dated \_\_\_\_\_  
STEVEN PENNOYER  
Director, Alaska Region  
National Marine Fisheries Service

\_\_\_\_\_  
Dated \_\_\_\_\_  
FRANK RUE  
Commissioner  
Alaska Department of Fish and Game

\_\_\_\_\_  
Dated \_\_\_\_\_  
MICHELE BROWN  
Commissioner  
Alaska Department of Fish and Game

**EXXON VALDEZ TRUSTEE COUNCIL**  
**1998 Federal Fiscal Year Project Budget**  
**October 1, 1997 - September 30, 1998**

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#29 1998 Court Request	Second CR#31 1998 Court Request	Third Notice #4 1998 Court Request	Fourth CR#35 1998 Court Request
ADEC	All	98100	Administration, Science Management and Public Information	61.2			
			<b>ADEC Total</b>	<b>61.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
ADF&G	USFS/DOI/NOAA	98001-CLO	Recovery of Harbor Seals From EVOS: Condition and Health Status	51.1			
		98025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	407.3			
		98052A	Community Involvement	232.1		8.7	
		98052B	Traditional Ecological Knowledge	61.3			
		98064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	150.0	122.5		
	All ADNR/DOI/USFS	98100	Administration, Science Management and Public Information	1,872.5			
		98126	Habitat Protection and Acquisition Support	16.7	19.0		
		98127	Tatitlek Coho Salmon Release	10.5			
		98131	Chugach Native Region Clam Restoration	82.1	208.0		
		98139A1-CLO	Little Waterfall Barrier Bypass Improvements	13.4			
	NOAA/DOI NOAA/DOI	98139A2	Port Dick Creek Tributary and Development Project	85.8			
		98162	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound	465.7	52.0		
		98163L	APEX: Historical Data Review	35.0			
		98163T	APEX: Aerial Surveys				58.2
		98165-CLO	Genetic Discrimination of Prince William Sound Herring Populations	56.0			
	ADNR/USFS	98166-CLO	Herring Natal Habitats	42.3			
		98170-CLO	Isotope Ratio Studies of Marine Mammals in Prince William Sound	108.8			
		98180	Kenai Habitat Restoration & Recreation Enhancement	161.2			
		98186-CLO	Coded Wire Tag Recoveries From Pink Salmon in Prince William Sound	120.2			
		98188	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince William Sound	141.1			
		98190	Construction of a Linkage Map for the Pink Salmon Genome	229.4			
		98191A	Field Examination of Oil-Related Embryo Mortalities in Pink Salmon Populations in Prince William Sound	159.4			

**EXXON VALDEZ TRUSTEE COUNCIL**  
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		98196	Genetic Structure of Prince William Sound Pink Salmon	130.2			
		98210	Youth Area Watch	150.2			
		98225	Port Graham Pink Salmon Subsistence Project	73.5			
		98244	Community-Based Harbor Seal Management and Biological Sampling	84.7			
	ADNR/USFS/DOI/NOAA ADNR/USFS/DOI/NOAA	98247	Kametolook River Coho Salmon Subsistence Project	14.9			
		98250	Project Management	282.7			
		98250	Project Management/NOAA IPA	106.3			
		98252	Investigations of Genetically Important Conservation Units of Rockfish and Walleye Pollock	209.1			
	USFS	98254-CLO	Delight and Desire Lakes Restoration	11.7			
		98256B	Sockeye Salmon Stocking at Solf Lake	7.3			
		98263	Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet		107.0		
		98273	Surf Scoter Life History and Ecology	170.4			
		98274	Documentary Film on Subsistence Use of Herring, Herring Spawn and Resources in the Nearshore Ecosystem in Prince William Sound	89.6			
	NOAA NOAA NOAA NOAA NOAA NOAA NOAA NOAA	98311	Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers	119.3			
		98320E	SEA: Salmon and Herring Predation	320.1			
		98320G	SEA: Phytoplankton and Nutrients	106.7			
		98320H	SEA: Role of Zooplankton	106.1			
		98320R	SEA: Trophodynamic Modeling and Remote Sensing	160.5			
		98320T	SEA: Juvenile Herring Growth and Habitats	546.7			
		98320T-SUPP	SEA: Supplement - Herring Traditional Ecological Knowledge	25.1	50.8		
		98320U	SEA: Somatic Energetics	105.8			
		98320Z	SEA: Synthesis and Integration	64.0			
		98325	Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts	43.4			
	DOI	98327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	5.9			
		98329	Synthesis of the Toxicological Impacts on Pink Salmon		12.3		
		98340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	77.1			

**EXXON VALDEZ TRUSTEE COUNCIL**  
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ADNR	USFS/DOI All ADF&G/USFS/DOI DOI ADF&G/USFS ADNR/USFS/DOI/NOAA	98341	Harbor Seal Recovery: Controlled Studies of Health and Diet	152.2			
		98348	Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers and Foraging Success	245.4			
		98427-CLO	Harlequin Duck Recovery Monitoring	78.3			
			<b>ADF&amp;G Total</b>	<b>7,989.1</b>	<b>571.6</b>	<b>8.7</b>	<b>58.2</b>
		98007A	Archaeological Index Site Monitoring	88.3			
		98100	Administration, Science Management and Public Information	557.8			
		98126	Habitat Protection and Acquisition Support	287.8	51.0		
		98149	Archaeological Site Stewardship	40.6			
		98180	Kenai Habitat Restoration & Recreation Enhancement	262.3			
		98250	Project Management	24.8			
USFS	ADNR/DOI ADF&G/DOI/NOAA  All ADF&G/ADNR/DOI  ADF&G/ADNR ADF&G/ADNR/DOI/NOAA ADF&G	98300	Synthesis of the Scientific Findings from EVOS Restoration Program	81.3			
		98339	Prince William Sound Human Use and Wildlife Disturbance Model		21.2		
			<b>ADNR Total</b>	<b>1,342.9</b>	<b>72.2</b>	<b>0.0</b>	<b>0.0</b>
		98007A	Archaeological Index Site Monitoring	26.9			
		98025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	28.5			
		98043B	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	24.0			
		98100	Administration, Science Management and Public Information	70.8			
		98126	Habitat Protection and Acquisition Support	205.5			
		98145-CLO	Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms	120.7			
		98180	Kenai Habitat Restoration & Recreation Enhancement	68.4			
		98220-CLO	Eastern PWS Wildstock Salmon Habitat Restoration	11.9			
		98250	Project Management	33.4			
		98256B	Sockeye Salmon Stocking at Solf Lake	88.2			
		98302-CLO	Prince William Sound Cutthroat Trout/Dolly Varden Char Inventory	4.1			



**EXXON VALDEZ TRUSTEE COUNCIL**  
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Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#29 1998 Court Request	Second CR#31 1998 Court Request	Third Notice #4 1998 Court Request	Fourth CR#35 1998 Court Request
DOI-FWS	ADNR/USFS	98346	Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance)	5.4			
		98339	Prince William Sound Human Use and Wildlife Disturbance Model		118.0		
		USFS Total		687.8	118.0	0.0	0.0
	ADNR	98007A	Archaeological Index Site Monitoring	24.5			
		98144A	Common Murre Population Monitoring	57.4			
		98149	Archaeological Site Stewardship	26.3			
		98159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 1998	237.0			
		98163B	APEX: Seabird Interactions	89.9			
		98163E	APEX: Kittiwakes	181.3			60.8
		98163F	APEX: Guillemots	127.9			
		98163J	APEX: Barren Islands Seabird Studies	112.5			
		98163K	APEX: Large Fish as Samplers	9.6			
		98163R	APEX: Marbled Murrelet Productivity		112.7		
		DOI-FWS Subtotal		866.4	112.7	0.0	60.8
DOI-USGS	ADF&G/USFS/NOAA	98025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	1,054.7			
	ADF&G/NOAA	98163L	APEX: Historical Data Review	24.8			
		98163M	APEX: Response of Seabirds to Forage Fish Density	267.7			
	ADNR/USFS	98163N	APEX: Black-Legged Kittiwake Controlled Feeding Experiment	30.0			
		98169	A Genetic Study to Aid in Restoration of Murres, Guillemots and Murrelets in the Gulf of Alaska	88.2			
		98306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	32.8			
	ADF&G	98327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	117.4			
		98338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance		56.2		
DOI-USGS Subtotal		1,615.6	56.2	0.0	0.0		

**EXXON VALDEZ TRUSTEE COUNCIL**  
**1998 Federal Fiscal Year Project Budget**  
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Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#29 1998 Court Request	Second CR#31 1998 Court Request	Third Notice #4 1998 Court Request	Fourth CR#35 1998 Court Request
DOI-NPS		98161-CLO	Differentiation and Interchange of Harlequin Duck Populations Within the North Pacific	16.5			
		DOI-NPS Subtotal		16.5	0.0	0.0	0.0
		98286	Elders/Youth Conference on Subsistence and the Oil Spill		90.2		
		DOI-BIA Subtotal		0.0	90.2	0.0	0.0
DOI-O/S	All ADF&G/ADNR/USFS ADF&G/ADNR/USFS/NOA A	98100	Administration, Science Management and Public Information	150.2			
		98126	Habitat Protection and Acquisition Support	271.4			
		98250	Project Management	76.1			
		DOI-O/S Subtotal		497.7	0.0	0.0	0.0
		DOI Total		2,996.2	259.1	0.0	60.8
NOAA	ADF&G/USFS/DOI	98012A-BAA	Comprehensive Killer Whale Investigation in Prince William Sound	154.7			
		98025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	162.4			
		98076	Effects of Oiled Incubation Substrate on Straying and Survival of Wild Pink Salmon	272.2			
	All	98100	Administration, Science Management and Public Information	83.8			
		98142-BAA	Status and Ecology of Kittlitz's Murrelets in Prince William Sound	269.0			
		98163A	APEX: Forage Fish Assessment	389.7			-121.1
	ADF&G/DOI	98163C	APEX: Fish Diet Overlap	29.9			
		98163G	APEX: Seabird Energetics	221.3			
		98163I	APEX: Project Management	160.6			
		98163L	APEX: Historical Data Review	31.6			
		98163O	APEX: Statistical Review	21.4			
		98163Q	APEX: Modeling	69.8			2.1
		98163S	APEX: Jellyfish as Competitors and Predators of Fishes	96.5			

**EXXON VALDEZ TRUSTEE COUNCIL**  
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	ADF&G/ADNR/USFS/DOI	98194-CLO	Pink Salmon Spawning Habitat Recovery	25.0			
		98195	Pristane Monitoring in Mussels	114.9			
		98250	Project Management	36.8			
		98289-BAA	Status of Black Oystercatchers in Prince William Sound		80.4		
		98290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance	75.7			
	ADF&G	98297-BAA	Oceanography of Prince William Sound Bays and Fjords	94.2			
	ADF&G	98320I	SEA: Stable Isotopes	132.4			
	ADF&G	98320J	SEA: Information Systems and Model Development	460.6			
	ADF&G	98320M	SEA: Physical Oceanography	133.0			
	ADF&G	98320N	SEA: Nekton and Plankton Acoustics	171.6			
		98325-BAA	Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts	56.5			
		98329	Synthesis of the Toxicological Impacts on Pink Salmon	25.6	-12.3		
		98330-BAA	Mass-Balance Model of Trophic Fluxes in Prince William Sound	179.8			
		98347	Fatty Acid Profile and Lipid Class Analysis for Estimating Diet Composition and Quality at Different Trophic Levels	110.6			
		98468-BAA	FEATS: Fundamental Estimations of Acoustic Target Strength			19.0	
			<b>NOAA Total</b>	<b>3,579.6</b>	<b>68.1</b>	<b>19.0</b>	<b>-119.0</b>
			<b>Total</b>	<b>16,656.8</b>	<b>1,089.0</b>	<b>27.7</b>	<b>0.0</b>

EXXON VALDEZ OIL SPILL LITIGATION COUNCIL  
1999 Federal Fiscal Year Project Budget  
October 1, 1998 - September 30, 1999

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#35 1999 Court Request
ADEC	All	99100	Administration, Science Management and Public Information	61.2
		99304	Kodiak Island Borough Master Waste Management Plan	1,857.1
	ADNR/USFS	99391	Information Management/Monitoring System	
		99514	Lower Cook Inlet Waste Management Plan	54.5
			<b>ADEC Total</b>	<b>1,972.8</b>
ADF&G	DOI/NOAA	99025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	38.1
		99052A	Community Involvement	243.4
		99052B	Traditional Knowledge	24.7
		99064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	263.3
	All ADNR/DOI/USFS	99100	Administration, Science Management and Public Information	1,594.3
		99126	Habitat Protection and Acquisition Support	22.4
		99127	Tatitlek Coho Salmon Release	10.7
		99131	Chugach Native Region Clam Restoration	83.4
		99139A2	Port Dick Creek Tributary and Development Project	85.8
		99162A	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part A)	58.6
		99162B	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part B)	13.4
		99163L	APEX: Historical Data Review	29.1
		99163T	APEX: Aerial Surveys	58.2
		99188-CLO	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince William Sound	185.2
	NOAA/DOI NOAA/DOI	99190	Construction of a Linkage Map for the Pink Salmon Genome	212.1
		98191A-CLO	Field Examination of Oil-Related Embryo Mortalities in Pink Salmon Populations in Prince William Sound	58.4
		98196-CLO	Genetic Structure of Prince William Sound Pink Salmon	50.0
		99210	Youth Area Watch	150.4
		99225	Port Graham Pink Salmon Subsistence Project	75.6
		99245	Community-Based Harbor Seal Management and Biological Sampling	70.7
		99247	Kametolook River Coho Salmon Subsistence Project	20.8
		99250	Project Management	239.0
	ADNR/USFS/DOI/NOAA USFS	99256B	Sockeye Salmon Stocking at Solf Lake	39.1

EXXON VALDEZ TRUSTEE COUNCIL  
1999 Federal Fiscal Year Project Budget  
October 1, 1998 - September 30, 1999

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#35 1999 Court Request
		99263	Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet	42.1
		99273	Surf Scoter Life History and Ecology	206.2
		99278	Development of an Ecological Characterization of Site Profile for Kachemak Bay/Lower Cook Inlet	70.0
		99311	Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers	90.0
	USFS/NOAA	99320E-CLO	SEA: Salmon and Herring Predation	91.7
	USFS/NOAA	99320G-CLO	SEA: Phytoplankton and Nutrients	74.9
	USFS/NOAA	99320H-CLO	SEA: Role of Zooplankton	54.8
	USFS/NOAA	99320R-CLO	SEA: Trophodynamic Modeling and Remote Sensing	74.9
	USFS/NOAA	99320T-CLO	SEA: Juvenile Herring Growth and Habitats	160.5
	USFS/NOAA	99320T-SUPP	SEA: Supplement - Herring Traditional Ecological Knowledge	25.1
	USFS/NOAA	99320U-CLO	SEA: Somatic Energetics	74.9
	USFS/NOAA	99320Z1-CLO	SEA: Synthesis and Integration	89.9
	NOAA	99325-BAA	Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts	18.5
	DOI	99327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	5.5
		99340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	91.4
		99341	Harbor Seal Recovery: Controlled Studies of Health and Diet	194.2
		99348	Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers and Foraging Success	240.1
		99366	Remote Video and Time-Lapse Recording	52.0
		99367	Synthesis and Publication of Fisheries Research	73.1
		99371	Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers	110.2
		99375	Effects of Herring Egg Distribution and Ecology on Year-Class Strength and Adult Distribution	76.5
		99441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	140.9
		99462	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	75.1
		99470	Legacy of an Oil Spill: 10 years after <i>Exxon Valdez</i>	152.0
		99471	Updating the Status of Services Reduced or Lost Due to the Oil Spill	195.0
	ADF&G Total			6,106.2
ADNR	USFS/DOI	99007A	Archaeological Index Site Monitoring	91.8
	All	99100	Administration, Science Management and Public Information	555.1

EXXON VALDEZ OIL SPILL RESTORATION COUNCIL  
1999 Federal Fiscal Year Project Budget  
October 1, 1998 - September 30, 1999

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#35 1999 Court Request
USFS	ADF&G/USFS/DOI	99126	Habitat Protection and Acquisition Support	316.5
	DOI	99149	Archaeological Site Stewardship	9.9
	USFS	99180	Kenai Habitat Restoration & Recreation Enhancement	199.6
	ADF&G/USFS/DOI/NOAA	99250	Project Management	25.5
		99300	Synthesis of the Scientific Findings from EVOS Restoration Program	80.3
		99314	Homer Mariner Park Habitat Assessment and Restoration Design Project	99.5
	USFS	99339	Prince William Sound Human Use and Wildlife Disturbance Model	13.5
	ADEC/USFS	99391	Information Management/Monitoring System	
			<b>ADNR Total</b>	<b>1,391.7</b>
	ADNR/DOI	99007A	Archaeological Index Site Monitoring	28.0
		99043B-CLO	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	9.5
	All	99100	Administration, Science Management and Public Information	54.4
	ADF&G/ADNR/DOI	99126	Habitat Protection and Acquisition Support	248.6
		99145-CLO	Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms	50.1
	ADNR	99180	Kenai Habitat Restoration & Recreation Enhancement	100.0
	ADF&G/ADNR/DOI/NOAA	99250	Project Management	22.4
	ADF&G	99256B	Sockeye Salmon Stocking at Solf Lake	29.2
	ADF&G/NOAA	99320Q-CLO	SEA: Bird Predation on Herring Spawn	11.3
		99346	Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance)	10.4
	ADNR	99339	Prince William Sound Human Use and Wildlife Disturbance Model	53.7
	NOAA	99368	Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only)	5.2
	ADEC/ADNR	99391	Information Management/Monitoring System	
			<b>USFS Total</b>	<b>622.8</b>
DOI-FWS	ADNR/USFS	99007A	Archaeological Index Site Monitoring	16.5
		99144A	Common Murre Population Monitoring	72.6
	ADNR	99149	Archaeological Site Stewardship	5.3
		99159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 1998	37.0
	ADF&G/NOAA	99163B	APEX: Seabird Interactions	120.9
	ADF&G/NOAA	99163E	APEX: Kittiwakes	246.8
	ADF&G/NOAA	99163F	APEX: Guillemots	188.5

**EXXON VALDEZ JUSTICE COUNCIL**  
**1999 Federal Fiscal Year Project Budget**  
**October 1, 1998 - September 30, 1999**

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#35 1999 Court Request
DOI-USGS	ADF&G/NOAA	99163J	APEX: Barren Islands Seabird Studies	115.7
	ADF&G/NOAA	99163K	APEX: Large Fish as Samplers	12.0
	ADF&G/NOAA	99163R	APEX: Marbled Murrelet Productivity	114.7
			<b>DOI-FWS Subtotal</b>	<b>930.0</b>
	ADF&G/NOAA	99025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	412.9
	ADF&G/NOAA	99163L	APEX: Historical Data Review	22.8
	ADF&G/NOAA	99163M	APEX: Response of Seabirds to Forage Fish Density	267.7
		99169	A Genetic Study to Aid in Restoration of Murres, Guillemots and Murrelets in the Gulf of Alaska	92.7
		99306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	30.0
	ADF&G	99327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	160.6
		99338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	57.9
		99423	Pattern and Processes of Population Change in Selected Nearshore Vertebrate Predators	60.0
		99479	Effects of Food Stress on Survival and Reproduction	84.7
			<b>DOI-USGS Subtotal</b>	<b>1,189.3</b>
DOI-NPS	ADNR/USFS	99007A	Archaeological Index Site Monitoring	15.2
			<b>DOI-NPS Subtotal</b>	<b>15.2</b>
DOI-O/S	All	99100	Administration, Science Management and Public Information	148.4
	ADF&G/ADNR/USFS	99126	Habitat Protection and Acquisition Support	182.9
	ADF&G/ADNR/USFS/NOAA	99250	Project Management	72.5
			<b>DOI-O/S Subtotal</b>	<b>403.8</b>
			<b>DOI Total</b>	<b>2,538.3</b>
NOAA		99012A-BAA	Comprehensive Killer Whale Investigation in Prince William Sound	85.4
	ADF&G/DOI	99025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	49.0
		99090	Monitoring of Oiled Mussel Beds in Prince William Sound	150.0
	All	99100	Administration, Science Management and Public Information	82.3

EXXON VALDEZ JUSTEE COUNCIL  
1999 Federal Fiscal Year Project Budget  
October 1, 1998 - September 30, 1999

Agency	Cooperating Agency(s)	Project Number	Project Title	First CR#35 1999 Court Request
	ADF&G/DOI	99163A	APEX: Forage Fish Assessment	272.4
	ADF&G/DOI	99163G	APEX: Seabird Energetics	179.1
	ADF&G/DOI	99163I	APEX: Project Management	98.8
	ADF&G/DOI	99163L	APEX: Historical Data Review	38.3
	ADF&G/DOI	99163O	APEX: Statistical Review	32.1
	ADF&G/DOI	99163Q	APEX: Modeling	72.2
	ADF&G/DOI	99163S	APEX: Jellyfish as Competitors and Predators of Fishes	116.8
		99195	Pristane Monitoring in Mussels	96.7
	ADF&G/ADNR/USFS/DOI	99250	Project Management	94.8
		99290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance	58.9
	ADF&G/USFS	99320M-BAA	SEA: Physical Oceanography	62.5
	ADF&G/USFS	99320N-BAA	SEA: Nekton and Plankton Acoustics	51.1
	ADF&G/USFS	99320Y-CLO	SEA: Bird Predation on Salmon Fry	10.7
	ADF&G/USFS	99320Z2-CLO	SEA: Synthesis and Integration	69.6
	ADF&G	99325-BAA	Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts	22.6
		99328	Synthesis of the Toxicological and Epidemiological Impacts of the Oil Spill on Pacific Herring	46.1
		99329	Synthesis of the Toxicological Impacts on Pink Salmon	44.4
		99330-BAA	Mass-Balance Model of Trophic Fluxes in Prince William Sound	149.8
		99347	Fatty Acid Profile and Lipid Class Analysis for Estimating Diet Composition and Quality at Different Trophic Levels	92.6
	USFS	99368	Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only)	32.1
		99468-BAA	FEATS: Fundamental Estimations of Acoustic Target Strength	146.6
		99476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	74.1
			NOAA Total	2,229.0
			Total	14,860.8



# Exxon Valdez Oil Spill Trustee Council

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



August 11, 1998

John Leonard Rancher  
110 S.E. 47<sup>th</sup> Avenue  
Portland, Oregon 97215-1002

Dear Mr. Rancher:

Thank you for your recent letter regarding the Trustee Council's habitat protection program and your interest in protecting habitat values in the eastern Copper River delta region.

Under the terms of the court-approved settlement administered by the Trustee Council, funds must be used for the restoration of resources and services injured by the *Exxon Valdez* oil spill. The Trustee Council undertook an extensive planning process over the course of several years to develop a *Restoration Plan* that was formally approved in 1994. This public process, which involved preparation of a full Environmental Impact Statement (EIS), included a geographic definition of the spill-impact region. A copy of the spill path and a map showing the spill area for restoration purposes is enclosed for your reference. As you are aware, the eastern Copper River delta was not oiled and these lands are outside of the spill area.

Public involvement during development of the *Restoration Plan* generated an enormous volume of public comment. One of the issues posed for public consideration was whether restoration actions should take place in the spill area only or include areas outside the spill region. Roughly two-thirds of all those who commented on this issue favored limiting restoration actions to the spill area. Support for this view was even stronger within the spill area where three-quarters of those who commented indicated that they wanted to see restoration actions limited to the spill region.

In the *Restoration Plan* a formal policy was adopted regarding the location of restoration actions: "Restoration activities will occur primarily within the spill area. Limited restoration activities outside the spill area, but within Alaska, may be considered under the following conditions: when *the most effective restoration actions for an injured population* are in a part of its range outside the spill area; or when the information acquired from *research and monitoring activities* outside the spill area will be significant for restoration or understanding injuries within the spill area." (*Restoration Plan*, p. 14, emphasis added.)

To date, the Trustee Council has not authorized the purchase of any lands outside the spill area. In response to public comment urging consideration of protecting lands in the eastern Copper River Delta, however, the U.S. Forest Service, as an individual agency

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

#### State Trustees

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

and the principal public land manager for the region, has indicated a willingness to further examine this issue.

Again, thank you for providing your comment. Please know that a copy of your letter will be provided to each of the Trustee Council members.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon". The signature is fluid and extends to the right with a long horizontal stroke.

Molly McCammon  
Executive Director

enclosure

cc: Jim Wolfe

RECEIVED

AUG 10 1998

EXXON VALDEZ OIL SPILL  
TRUSTEE COUNCIL

8-5-98

Dear E.V.O.S.T.C.,

I am writing you with a sense of urgency concerning the recent roadbuilding activity in the Copper River Delta. I strongly support the inclusion of the entire Bering River region into the E.V.O.S.T.C. restoration zone and am deeply disappointed in hearing that one of the Nations' national natural treasures is under assault by multi-national corporations. I am speaking as a Native Alaskan, having been born at Providence Hospital in Anchorage in the Spring of '61. I lived in Alaska until 1969 and have many spiritual ties to its land.

You must do everything in your power to stop the industrial interests from forever changing one of our last wild regions. I have lived now in the Pacific Northwest for 29 years and have seen so many of our wild roadless areas destroyed by roadbuilding and the ensuing onslaught that follows. ~~It~~ ~~is~~ We can never go back once these wild roadless areas are fragmented by roads. Please write me and let me know of the current status of the situation and also provide me with additional information about the project. Sincerely Concerned,  
John Leonard Rancher-



# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

To: Jim Wolfe Number: 1-907-586-1555

From: Molly McCammon Date: August 11, 1998

Comments: Total Pages: 4

response letter to Mr. Leonard Rancher  
regarding habitat protection in  
the Copper River Delta region & copy  
of Mr. Rancher's correspondence to  
the Trustee Council.

**FAX COMPLETE**

HARD COPY TO FOLLOW no

Document Sent By: tami

3/27/96

# Exxon Valdez Oil Spill Trustee Council

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



August 7, 1998

Senator John Torgerson  
145 Main Street Loop Ste 226  
Kenai, Alaska 99611

Dear Senator Torgerson:

Knowing of your interest in our restoration efforts along the Kenai River, I wanted to make you aware of a 76-acre parcel of riverfront property that is proposed for purchase by the Alaska Department of Natural Resources. An RPL to expend \$450,000 to purchase the property has been submitted to the Legislative Budget and Audit Committee. The acquisition would be entirely funded with *Exxon Valdez* oil spill civil settlement funds. It is hoped that LB&A will authorize this RPL at its next meeting on August 14, 1998.

The parcel, located east of the City of Soldotna at river mile 24.5 on the south side of the river, is currently undeveloped and was voluntarily nominated for purchase by the landowner. The parcel was evaluated to determine the habitat and public use values that would benefit from purchase and protection of the parcel. Key riparian habitats and other attributes of the parcel include the following:

- **Habitat values.** The parcel provides important riparian habitat including low, overhanging grassy banks for fish rearing and extensive wetlands for maintaining water quality, flood control, and recharge. Purchase of the parcel will help safeguard habitat which supports sockeye salmon, chinook salmon, coho salmon, pink salmon and Dolly Varden. The parcel has approximately 1,500 linear feet of river bank.
- **Human uses.** Human use values would also benefit from the purchase and protection of the parcel. Recreation/tourism will benefit from protection of habitats needed to support productive fisheries on the Kenai River. The benefits of protecting salmon habitat also extends to commercial, personal use and subsistence fisheries.

I hope we can count on your support in moving this acquisition forward. If you have questions regarding this parcel, please let me know.

Sincerely,

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

Molly McCammon  
Executive Director




# **HABITAT PROTECTION SMALL PARCELS KENAI PENINSULA, ALASKA**

**Parcel: KEN1034**

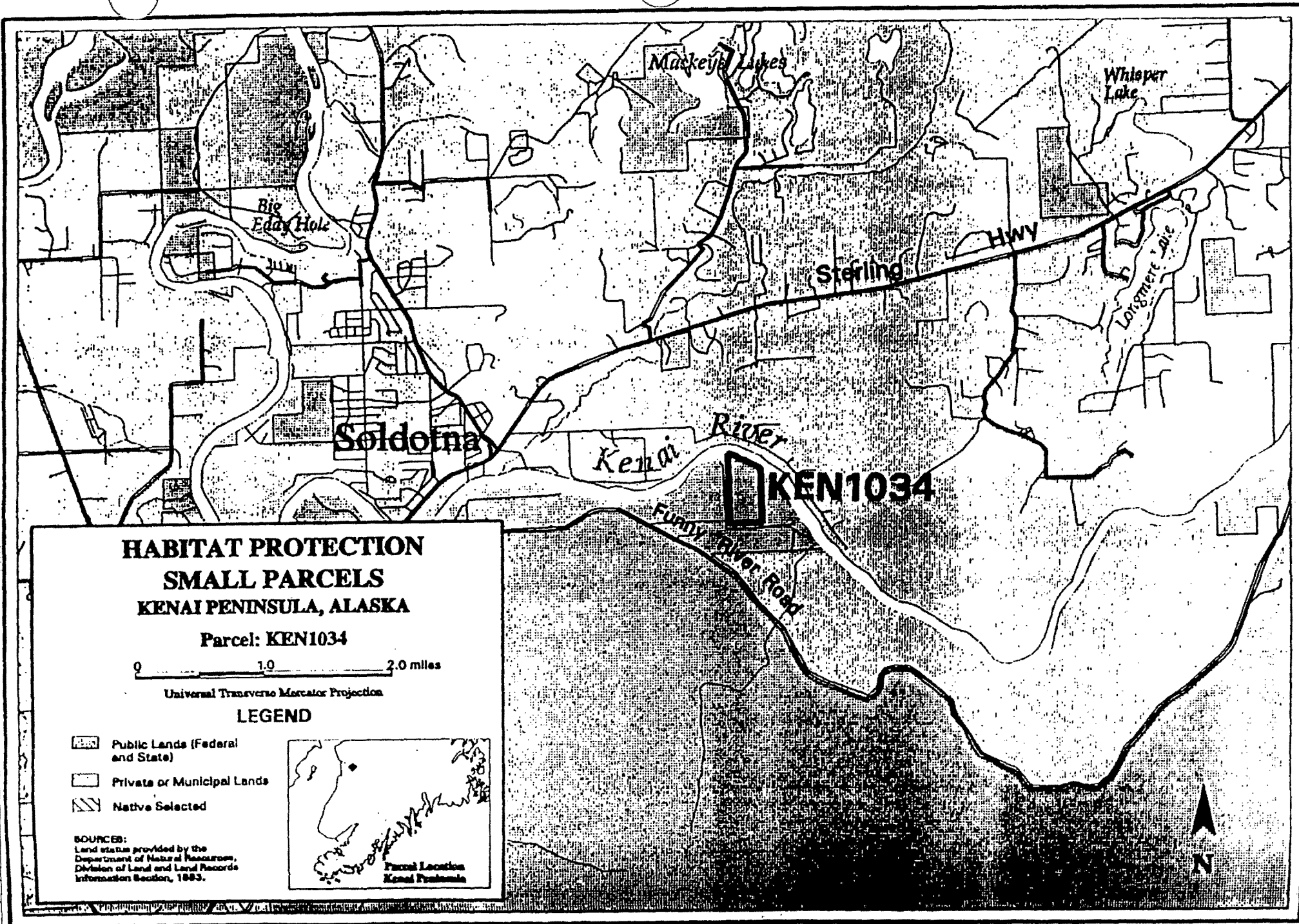
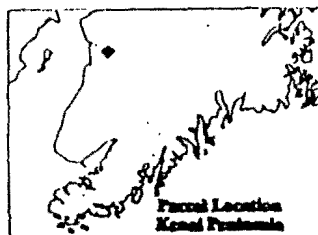
0 1.0 2.0 miles

Universal Transverse Mercator Projection

## **LEGEND**

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

**SOURCES:**  
Land status provided by the  
Department of Natural Resources,  
Division of Land and Land Records  
Information Section, 1983.



Department of Natural Resources  
Management and Administration, Trustee Council Projects

Subject of RPL: Authority to expend Exxon Valdez oil spill settlement funds for acquisition of land along the Kenai River.

ADN/RPL Number: 10 - 9 - 4022

Amount Requested: \$ 450,000

Appropriation Authority: CH. 137, SLA 98, page 46, line 30 and CH. 139, SLA 98, page 53, line 14

Funding Source: Exxon Valdez oil spill settlement funds

Statutory Authority: AS 37.14.405(b)

**SUMMARY**

The acquisition of land is a means of restoring not only injured resources, but also the services (human uses) dependent on those resources. The Trustee Council initiated the small parcel program in 1994. Parcels are nominated by the landowners and are evaluated according to the potential benefits that purchase would provide to the injured resources and services.

**PROGRAM INFORMATION**

Funding was not requested in the budget approved by the Legislature, as an agreement with the landowner had not been reached by that time.

As a capital project, authority to expend subject to AS 37.25.020 is requested.

**FUNDING INFORMATION**

The parcel is located at Mile 24.5 of the Kenai River. The parcel is just outside the City of Soldotna on the south side of the Kenai River and approximately 2.5 miles down Funny River Road from the intersection with the Sterling Highway. The parcel consists of 76.33 acres including 1500 feet of linear shoreline along the Kenai River. The parcel contains important riparian habitat such as low overhanging grassy banks for fish rearing, extensive wetlands for maintaining water quality and forested uplands. The parcel provides restoration benefits for pink salmon, sockeye salmon, coho salmon and Dolly Varden.

The parcel would be managed to protect riparian habitat and as appropriate, provide for recreational opportunities.

# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

To: Senator John Torgerson Number: 1-907-283-9267 +  
1-907-235-4008

From: Molly McCommon Date: August 10, 1998

Comments: \_\_\_\_\_ Total Pages: 4

Re: Proposed land purchase along the  
Kenai River

**FAXED**

HARD COPY TO FOLLOW yes

Document Sent By: Jami

3/27/96



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

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2264

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# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

**FAXED**

To: Traci Cramer  
Alex Swiderski Number: \_\_\_\_\_

From: Nolly McCammon Date: Aug. 10, 1998

Comments: \_\_\_\_\_ Total Pages: 4

Copy of letter to Senator Torgerson  
regarding the Ken-1034 small parcel.

HARD COPY TO FOLLOW no

Document Sent By: Jami

3/27/96

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

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2265

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JUNEAU OFFICE

[ 36] 2787022

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# Exxon Valdez Oil Spill Trustee Council

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

## Restoration Office Tentative Meeting Schedule



### August 1998

- 13 Trustee Council Meeting, FY99 Work Plan
- 14 Grand Opening Kodiak Fisheries Research Center
- 19-22 Youth-Elders Conference on Subsistence (Cordova)

### September 1998

- 15-16 Public Advisory Group Annual Field Trip
- 29\* Trustee Council Meeting on Restoration Reserve and Archaeology, Juneau

### October 1998

- 5\* Food-web modeling workshop (Anchorage)
- 18-24 PICES Meeting, Fairbanks

### November 1998

### December 1998

\* tentative meeting dates

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

Update: 8/6/98 rwf

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#### Federal Trustees

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

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Alaska Department of Law

# Exxon Valdez Oil Spill Trustee Council

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



## FAX COVER SHEET

**FAX COMPLETE**

To: **Restoration Work Force**

Date: 8/6/98

From: Molly McCammon Total Pages: 2

Comments: please distribute to  
those listed below.

### RESTORATION WORK FORCE MEMBERS INCLUDE:

Belt, Gina  
Berg, Catherine  
Fries, Carol  
Slater, Claudia  
Hauser, Bill  
Bartels, Leslie  
Thomas, Lisa

Miraglia, Rita  
Viteri, Alex  
Rice, Bud  
Spies, Bob  
Holbrook, Ken  
Wright, Bruce

KAREN MURPHY

HARD COPY TO FOLLOW no

FAX SENT BY: Rebecca

4/23/98

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

TX/RX NO.

2214

INCOMPLETE TX/RX

TRANSACTION OK	[ 09]	19075867589	JUNEAU OFFICE
	[ 10]	19075867555	WOLFE
	[ 13]	19077896608	BRUCE WRIGHT
	[ 15]	2698918	CAROL FRIES
	[ 16]	2672450	RITA MIRAGLIA
	[ 17]	2713992	KEN HOLBROOK
	[ 18]	2672464	SULLIVAN-SLATER
	[ 19]	7832094	KAREN MURPHY
	[ 20]	7863350	C.BERG
	[ 21]	2572517	B.RICE
	[ 30]	19074655362	ALEX VITERI
	[ 31]	19074655070	BROWN
	[ 35]	19253737834	B.SPIES
	[ 38]	2715827	G.BELT

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