15.2.4

FAX TRANSMITTAL

MAIN OFFICE

P.O. Box 1110
Cordova, AK 99574
Phone: 907/424-7511
FAX: 907/424-7514

Anchorage
Phone: 907/274-6066
FAX: 907-274-1959

PRINCE WILLIAM SOUND AQUACULTURE CORPORATION

TO: Exxon Valdez Oil Spill Trustees

DATE: 8/19/93

~~WITH:~~ ATTN: DAVE GIBBONS

TIME: 4:00 pm

FAX #: 276-7178

FROM: PWSCAC

RE.: 1994 Draft Plan

CITY: Cordova Valdez Chenega Whittier Tatitlek

Total pages including cover 9. For transmission error, please call sender.

MESSAGE: Attached please find three letters regarding projects for the 1994 Draft Work Plan. If you have any questions, I will be in Cordova until Friday evening 8/20/93 and you can leave a message at City Hall - 424-6200. Thank you very much. Annie Lanoreum, STAFF TO Rep. Olberg

Interfile
Comments
15.2.4
Public Comment -
1994 Draft WP

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
c/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 18, 1993

Exxon Valdez Oil Spill Trustees Council
648 G Street
Anchorage, AK 99501

Dear Council Members:

Please accept this letter as notification of PWSCORS support for a number of beach restoration projects that have been included in the 1994 Draft Work Plan for the Exxon Valdez Oil Spill trust funds. The following is a list of the projects by number and title:

#83 - Monitoring of Natural Recovery of Oiled and Treated Shorelines

#85 - Recovery Monitoring of Intertidal Oiled Mussel Beds in PWS and GOA

#145 - Shoreline Assessment

#90 - Restoration of Mussel Beds

#266 - Shoreline Oil Removal

#316 - Shoreline Trash Cleanup for Oil Spill Area

It is the unanimous position of PWSCORS that these projects are necessary and will aid in the restoration of Prince William Sound. Thank you in advance for your consideration of our position.

Sincerely,

Charles K. Weaverling

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
c/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 18, 1993

Exxon Valdez Oil Spill Trustees Council
648 G Street
Anchorage, AK 99501

Dear Council Members:

At a recent meeting of PWSCORS, there was unanimous agreement to notify you of our support for three projects for the City of Whittier to be included in the 1994 Draft Work Plan for the Exxon Valdez Oil Spill trust funds.

Attached is a two-page brief description of the projects that have been endorsed. It is our belief that the need for the new incinerator is clearly a result of the oil spill, as is the need for restoration of saltwater access points.

A visitor's interpretive center in Whittier was of initial concern to the group because of the lack of a significant Native population in that community. However, Mr. Gary Williams, City Manager of Whittier, has spoken with the Department of Natural Resources archaeology experts and they have agreed that the scope of the project falls within the guidelines of project #386, Artifact Repository and Cultural Centers. It is with this knowledge that we endorse this project for inclusion in the 1994 Draft Work Plan.

It is our understanding that as of this time there are no projects in the plan for Whittier and we would much appreciate your serious consideration of these projects.

Sincerely,

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

WHITTIER PROJECTS FOR SUBMISSION TO THE EXXON VALDEZ TRUSTEES COUNCIL THROUGH PWSCORS

1. REPLACEMENT OF COMMUNITY WASTE DISPOSAL INCINERATOR

During the Exxon Valdez oil spill clean-up in 1989 - 1990 Whittier's incinerator was used to burn oiled boom and related burnables. Due to the difficulty of conducting an efficient burn, substantial modifications were made to the physical configuration of the burn unit. These modifications, conducted and paid for by the contractor hired by Exxon, ultimately rendered the entire incinerator unusable for the disposal of municipal waste. Since replacement parts, in this case the burn chamber, are no longer manufactured by the firm who constructed the incinerator, Whittier had to abandon its incinerator, purchase compaction and hauling machinery and begin transporting it's refuse to the Anchorage Municipal Landfill at Eagle River.

The city experienced expenditures in new hauling and compaction equipment of $50,000.00. To replace the incinerator with an EPA, DEC approved incinerator capable of handling the type of waste generated in the City of Whittier would cost approximately $500,000 based on information from Entec, a manufacturer of incinerators located in Anchorage.

2. VISITOR'S INTERPRETIVE CENTER

Whittier's location as the only western access to salt water in Prince William Sound, 60 miles from the large population center of Anchorage, 25 miles from Girdwood and Alyeska Ski Resort and 15 miles from Begich Boggs Visitor Center at Portage, makes this community an attractive "get-away" destination for Alaskan's and visitors to Alaska alike.

The estimated number of visitors passing through Whittier during the 110 days of the summer tourism season is estimated to be more than 50,000. With the advent of improved access to Whittier, planned for 1997, the potential exists that the number of visitors in a summer season may triple. There is no existing facility which can function as a point at which visitors can familiarize themselves with the unique environment and recreational opportunities that exist in western Prince William Sound. The vision for this facility is that it would consist of approximately 8,000 square feet of space in which dioramas of the ecosystem in Prince William Sound would be portrayed, tanks of sea water containing the flora and fauna of the Sound would be presented, photographs of the flora and fauna of the area and interactive audio and video experiences would be provided visitors.

The center is estimated to cost about $110.00 per square foot.

3. RESTORE SALTWATER ACCESS POINTS

As a direct result of the increased demand for access to Prince William Sound during the oil spill Whittier's only alternative access, the Smitty's Cove boat launch area was destroyed. The damage to the launch ramp contributed to general erosion of the area and now needs substantial work to recover rip-rap and fill to replace washed out areas with new rock. A new launch ramp at Smitty's Cove may possibly be funded through the Alaska Department of Fish and Game Sport Fish Division in FY 1994, but this development, if it occurs, will not fund repair of erosion damage. Estimated cost to repair damage $100,000.

Other access points to saltwater were pushed through during this period to service oil spill and related activities. These points have been left as little more than scars. They should be outfitted with ramps and adequate rip-rap to provide protection from heavy wave action. Estimated cost to return areas to original condition is equal to the cost of outfitting areas to provide an access point: $150,000.

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
c/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 18, 1993

Exxon Valdez Oil Spill Trustees Council
648 G Street
Anchorage, AK 99501

Dear Council Members:

Attached please find a revised proposal for payment of hatchery debt which PWSCORS would like to see included in the 1994 Draft Work Plan for the Exxon Valdez Oil Spill trust funds. As you know, PWSCORS has previously endorsed this project and has sent you preliminary information. The three-page description attached is the result of discussions between Prince William Sound Aquaculture Association and the Valdez Fisheries Development Association.

As you are no doubt aware, there are problems with the fisheries in Prince William Sound and we envision this project as a way in which to find solutions. We ask that you give this proposal serious consideration for inclusion in the 1994 plan. Thank you very much.

Sincerely,

Charles K. Weaverling

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

EXXON VALDEZ OIL SPILL PROJECT DESCRIPTION
FY-94 WORK PLAN

Project Number:

Project Title: Retirement of Debt for Prince William Sound Salmon Hatcheries

Project Category: Resource Restoration and Replacement

Lead Agency: Alaska Dept. of Commerce & Economic Development

Cooperating Agencies: Alaska Dept. of Fish & Game

Project Term: Fiscal Year 1994.

INTRODUCTION:

The private, non-profit salmon hatchery program in Alaska was established in the early 1970's, following a period of low salmon production in the state, for the purpose of salmon fisheries restoration. Regional aquaculture associations, formed by the salmon fishermen of various regions in the state, and designated by the ADF&G Commissioner as qualified, voted to tax themselves as one means of funding the regional salmon restoration and enhancement programs.

By law, representativess of the ADF&G staff and regional aquaculture associations are authorized to form regional planning teams for the purpose of developing comprehensive salmon plans which describe the salmon restoration and enhancement objectives for each particular region. These plans also document enhancement procedures which are dictated by the Alaska Department of Fish & Game fish genetics, pathology, and stocking policies.

The Phase-I Prince William Sound Comprehensive Salmon Plan was completed in the early 1980's. That plan envisioned an enhanced salmon fishery in which both wild and hatchery stocks could be managed on a sustained yield basis. Then, in 1989, the Exxon Valdez oil spill occurred. The flow of crude oil through Prince William Sound followed the traditional path of outmigrant salmon, which leave the Sound through Montague Strait and Latouche and Elrington Passages. Young salmon were not only subjected to Exxon Valdez crude, but in subsequent years were subjected to chemicals used in beach cleaning. Direct mortalities occurred when stream intertidal spawning areas were oiled, when young fish were forced to the oiled surface of the Sound by fish and mammalian predators, or through direct ingestion of hydrocarbons in their food supplies. Apparent deviations in migratory behavior in 1991, the unexplained shortfall of pink salmon in the EVOS impacted region in 1992, and the shortfall in Prince William Sound sockeye and pink salmon in 1993 all suggest continued responses to environmental disruption.

In the fall of 1989, following EVOS, the Regional Planning Team decided to revise and update the Prince William Sound Regional Comprehensive Salmon Plan because of its concern for the salmon stocks and fisheries of the Sound. The impacts of the oil spill heightened the concerns of fisheries managers regarding interactions between wild and hatchery stocks and between salmon and their environments. As a result, the ADF&G has tightened its controls (with increased costs to aquaculture associations) on the procedures by which salmon are allowed to be restored and enhanced in Prince William Sound.

The ADF&G has mandated that each salmon restoration or enhancement project approved by that agency must be preceded, then accompanied, by biological studies which are designed to determine if wild stocks might be impacted by the restoration activities. Existing hatcheries have the ability to address restoration and enhancement needs described in the Regional Salmon Plan, but the required evaluation studies which must precede any restoration effort are not yet funded.
WHAT:

The goal of this project is to establish the private, nonprofit hatchery associations as a long-term funding source for the evaluation of salmon stocks and and their environmental interactions within Prince William Sound and the undertaking of projects necessary for the restoration and enhancement of these impacted salmon resources.

Restoration and enhancement objectives can be achieved as follows:

1. Retire the Prince William Sound Aquaculture Corporation and Valdez Fisheries Development Association's indebtedness to the state aquaculture revolving loan fund. Funds formerly needed for debt service would then be available for the following programs which are designed to enable fisheries managers to protect wild salmon stocks in mixed stock fisheries and to restore and enhance stocks. The list of studies which follow are those determined to be necessary for any given restoration project such as that for Coghill lake sockeye salmon which are a Prince William Sound priority.

a. Mark and recapture wild and hatchery salmon to determine their spatial and temporal distribution and relative abundance in the fisheries and at spawning locations.

b. Test-fish to determine the presence/absence of wild stocks at locations proposed for the release of hatchery fish.

c. Operate fish weirs to assess straying of hatchery fish into streams occupied by wild fish, and also to assess straying between wild stocks.

d. Fund genetics studies to describe stocks and the geographical boundaries of each stock's spawning streams, and determine if hatchery stocks are genetically altered over time.

e. Continually Monitor fish health in wild and hatchery stocks utilizing the cooperative services of the ADF&G Fish Pathology Laboratory.

f. Search for early-run pink and chum salmon stocks of sufficient size to restore the early segment of salmon returns to the Sound.

g. Restore salmon stocks with in-stream egg-takes, hatchery incubation, and release of fry or smolts in native streams and lakes.

WHY:

The ADF&G has a mandate to manage wild salmon stocks for sustained yield. The pink, sockeye, and chum salmon fisheries in Prince William Sound are comprised of mixtures of stocks which are often times dominated by hatchery fish. Annual decreases in the ADF&G operating budget has caused that agency to adopt a policy of "user pays" as a funding source for the required evaluation projects described earlier in this document.

Unfortunately, fisheries losses in Prince William Sound the past several years have impacted the aquaculture associations and their ability to fund pre-restoration projects.

HOW:

A one-time repayment of PWSAC's hatchery debt to the state aquaculture loan fund would reduce PWSAC's annual budget needs by over $2.0 million. The VFDA annual debt service is currently about $700,000. Freed of debt, PWSAC and VFDA would, to the extent possible, be able to annually fund those fisheries evaluation studies designated as integral parts of salmon restoration, replacement, and enhancement projects selected as priorities by the users and approved by the ADF&G.

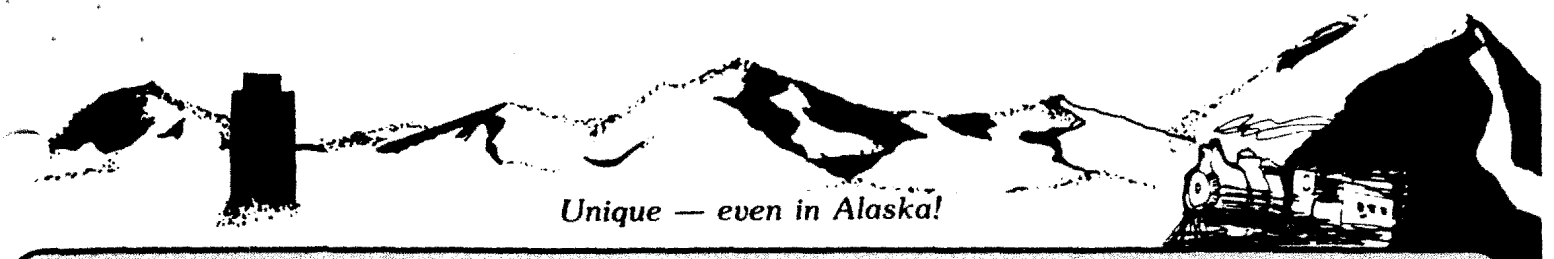
WHEN:

Hatchery debt repayment, FY-94.

Salmon restoration, replacement and enhancement projects would be ongoing--over the life of the hatcheries.

BUDGET:

PWSAC Debt: $25 million
VFDA Debt: $8 million



Unique — even in Alaska!

THE CITY OF WHITTIER

MEMORANDUM

August 23, 1993

TO: EVOS Staff
FROM: Gary Williams, City Manager

Re: Project Descriptions supported by PWSCORS

By error, probably my own, the Whittier Project Descriptions included in a list of projects supported by PWSCORS under the signature of Mayor Kelly Weaverling, Chairman, are an earlier draft and should be replaced by the attached.

Gary Williams

P.O. Box 608 *Whittier, Alaska 99693* *(907) 472-2327*

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
c/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 18, 1993

Exxon Valdez Oil Spill Trustees Council
648 G Street
Anchorage, AK 99501

Dear Council Members:

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Attached is a two-page brief description of the projects that have been endorsed. It is our belief that the need for the new incinerator is clearly a result of the oil spill, as is the need for restoration of saltwater access points.

A visitor's interpretive center in Whittier was of initial concern to the group because of the lack of a significant Native population in that community. However, Mr. Gary Williams, City Manager of Whittier, has spoken with the Department of Natural Resources archaeology experts and they have agreed that the scope of the project falls within the guidelines of project #386, Artifact Repository and Cultural Centers. It is with this knowledge that we endorse this project for inclusion in the 1994 Draft Work Plan.

It is our understanding that as of this time there are no projects in the plan for Whittier and we would much appreciate your serious consideration of these projects.

Sincerely,

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

WHITTIER PROJECTS FOR SUBMISSION TO EVOS TRUSTEES
ARCHEOLOGICAL INTERPRETIVE CENTER

Significant archeological and artifact finds occurred in Western Prince William Sound following the Exxon Valdez Oil Spill. The Prince William Sound Communities Organized to Restore the Sound has recommended that Whittier and the four other communities of Prince William Sound become interpretive repositories to both preserve these treasures and make them known to the public.

Whittier's strategic location in Prince William Sound is an important point for the location of one such facility. The community is the only western access to salt water in Prince William Sound and is only 60 miles from Alaska's largest city, Anchorage, 25 miles from Girdwood and Alyeska Ski Resort and 15 miles from Begich Boggs Visitor Center at Portage. A road connecting Whittier with south central Alaska is planned for 1997.

The estimated number of visitors passing through Whittier during the 110 days of the summer tourism season is estimated to be more than 50,000. With the advent of improved access to Whittier the potential exists that the number of visitors in a summer season will more than triple. These are potential visitors to an interpretive repository center.

Whittier has a small museum with more than 100 artifacts on display. However, there is no existing facility in the community which can function as a place where large numbers of visitors can familiarize themselves with the many unique cultural, historic and environmental features existent in western Prince William Sound.

The archeological artifacts in the Whittier repository would be cared for on loan from the native communities of Prince William Sound under the guidance of Prince William Sound Community College faculty.

The vision for this facility is a structure of several thousand square feet with dioramas in which archeological artifacts are presented. Additionally, the facility would provide information about the Exxon Valdez oil spill, the status of recovery and how people can help injured resources recover from such an event.

Funding for the maintenance and operation of the repository center would come from visitor fees, municipal assistance, grants and financial contributions.

Final 8/15/93: Destroy undated versions

WHITTIER PROJECTS FOR SUBMISSION TO EVOS TRUSTEES

REPLACEMENT OF WHITTIER WASTE DISPOSAL INCINERATOR

During the Exxon Valdez oil spill clean-up in 1989 - 1990, Whittier's incinerator was used to burn oiled boom and related burnables. Due to the difficulty of conducting an efficient burn, substantial modifications were made to the physical configuration of the burn unit. These modifications, conducted and paid for by the contractor hired by Exxon, ultimately rendered the entire incinerator unusable for the disposal of municipal waste material. Since the manufacturer no longer makes replacement parts Whittier had to abandon its incinerator, purchase compaction and hauling machinery and begin transporting refuse to the Anchorage Municipal Landfill at Eagle River.

Not only did the city lose its refuse disposal capability but had to invest $50,000.00 in new hauling and compaction equipment. The cost to replace the incinerator with and EPA, DEC approved incineration unit capable of handling the type of waste generated in the City of Whittier is reliably estimated at $500,000 based on information obtained from ENTEC, a manufacturer of incinerators located in Anchorage.

WHITTIER PROJECTS FOR SUBMISSION TO THE EVOS TRUSTEES

RESTORE SPORT AND PLEASURE BOAT ACCESS POINTS

As a direct result of the increased demand for access to Prince William Sound during the Exxon Valdez oil spill, Whittier's only alternative to harbor access to water, the Smitty's Cove launch ramp area was damaged. The use of the area by landing craft destroyed the launch ramp and contributed to erosion of the area. Restoration would include a new 24' X 60' launch ramp and replacement of rip-rap. A new launch ramp may be constructed by the Alaska Department of Fish and Game, Sport Fish Division in the fall of 1993, but this development, if it occurs, will not fund repair of erosion damage.

June 23, 1993

FROM Joanne B. Widman
Box 55308
North Pole

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is Joanne Widman and as a gillnetter - drift Commercial fisherman in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

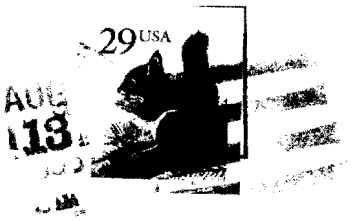
INDIVIDUAL COMMENTS:

Joanne B. Widman
SIGNED

FOLD HERE

RETURN ADDRESS

Joanne B. Widman
Box 55306
North Pole, Alaska
99705



Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

FROM Ramon Drew Sparlin Jr.
P.O. Box 283
Kenai, AK. 99611

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is Drew Sparlin Jr. and as a Fisherman Commercial & Resident in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

INDIVIDUAL COMMENTS:

I have been involved in the fishing industry here in Cook Inlet for almost twenty years, and I can't stress enough that the Kenai River system has been extremely damaged to a point never before in history. I urge any money spent toward restoration or research here would give the tools necessary to turn this disastrous situation around!

PLEASE DON'T LET TIME TELL THE END OF THIS STORY. Sincerely

R. Drew Sparlin Jr.
SIGNED

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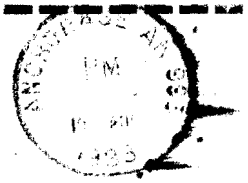

RETURN ADDRESS

DREW SPARLIN
P.O. BOX 233
KENAI, AK 99611

Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

FROM Alex Kalugin
Box 3415
Homer AK 99603

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is Alex K. and as a Commercial Fisher in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

INDIVIDUAL COMMENTS:

The years the ADF&G won't let us fish I would still like to be paid by EXXON.

Alex K
SIGNED

FOLD HERE

ANCHORAGE AK 995
PM
19 ... 1993

RETURN ADDRESS

Alex Kalugin
Box 945
Homer AK 99603

Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

FROM Avery Warner
Hc 2 Box 546
Kasilof, AK 99610

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is Avery Warner and as a Crewmember in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

INDIVIDUAL COMMENTS: I feel that the State of Alaska should be leading the effort for the reclaiming of damages from Exxon, resulting from the 1989 Exxon Oil Spill. This is a situation that needs to be dealt with swiftly & the state of Alaska should show some initiative and further the claims against this company.

Avery Warner
SIGNED

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RETURN ADDRESS

HC-2 Box 546
Kasilof, AK 99516

Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

FROM NIKITA Fefelov
P. O. Box 5711
Nikolaevsk, AK 99556

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is NIKITA Fefelov and as a active fisherman in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

INDIVIDUAL COMMENTS: get with UCIDA & ADFG and get things rolling could you please send me some figures & statements. Thanks

"$" Settlements "

Nick [signature]
SIGNED

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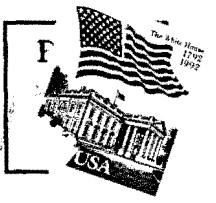
RETURN ADDRESS

Nikith Fefelov
P.O. Box 511
Nikolaevsk, AK 99556



Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

FROM Joe G Widman
Box 55307
N. Pole, AK 99705

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is Joe G Widman and as a Commercial Fisherman in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

I strongly support the continued funding of the Sockeye Salmon Overescapement and Kenai River Sockeye Salmon Restoration projects in 1994.

INDIVIDUAL COMMENTS:

The disastrous consequences of the overescapement in the Kenai River is directly affecting the livelihood of our family.

The re-habilitation of this river & the lakes connected to it must be brought back to the productive levels we have worked towards in my twenty-six (26) years of fishing in Cook Inlet

Joe G Widman
SIGNED
F/V EAGLE

FOLD HERE

RETURN ADDRESS

_____

_____

_____

PLACE
STAMP
HERE

Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

June 23, 1993

JUL 08 1993

FROM DAVID HORNE
H.C. 2 Box 543
KASILOF, AK 99610

TO: Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, AK 99501

Subject: 1994 Restoration projects for Upper Cook Inlet

My name is DAVID HORNE and as a DRIFT FISHERMAN in Cook Inlet I am very concerned about the health of the Kenai River sockeye run. I have just attended the annual meeting of the United Cook Inlet Drift Association (UCIDA) and listened to ADF&G Commissioner Carl Rosier and UCIDA Board members explain and discuss the proposed 1994 projects for Upper Cook Inlet.

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INDIVIDUAL COMMENTS:

David Horne
SIGNED

FOLD HERE

RETURN ADDRESS

D. Hawke
H.C. 2 Box 543
Kasilof, AK 99610

Exxon Valdez
Oil Spill Restoration Office
645 "G" Street
Anchorage, Alaska 99501

STAPLE HERE

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c/o City of Valdez
P.O. Box 307
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#316 - Shoreline Trash Cleanup for Oil Spill Area

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Sincerely,

Charles K. Weaverling

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

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Dear Council Members:

At a recent meeting of PWSCORS, there was unanimous agreement to notify you of our support for three projects for the City of Whittier to be included in the 1994 Draft Work Plan for the Exxon Valdez Oil Spill trust funds.

Attached is a two-page brief description of the projects that have been endorsed. It is our belief that the need for the new incinerator is clearly a result of the oil spill, as is the need for restoration of saltwater access points.

A visitor's interpretive center in Whittier was of initial concern to the group because of the lack of a significant Native population in that community. However, Mr. Gary Williams, City Manager of Whittier, has spoken with the Department of Natural Resources archaeology experts and they have agreed that the scope of the project falls within the guidelines of project #386, Artifact Repository and Cultural Centers. It is with this knowledge that we endorse this project for inclusion in the 1994 Draft Work Plan.

It is our understanding that as of this time there are no projects in the plan for Whittier and we would much appreciate your serious consideration of these projects.

Sincerely,

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

WHITTIER PROJECTS FOR SUBMISSION TO THE EXXON VALDEZ TRUSTEES COUNCIL THROUGH PWSCORS

1. REPLACEMENT OF COMMUNITY WASTE DISPOSAL INCINERATOR

During the Exxon Valdez oil spill clean-up in 1989 - 1990 Whittier's incinerator was used to burn oiled boom and related burnables. Due to the difficulty of conducting an efficient burn, substantial modifications were made to the physical configuration of the burn unit. These modifications, conducted and paid for by the contractor hired by Exxon, ultimately rendered the entire incinerator unusable for the disposal of municipal waste. Since replacement parts, in this case the burn chamber, are no longer manufactured by the firm who constructed the incinerator, Whittier had to abandon its incinerator, purchase compaction and hauling machinery and begin transporting it's refuse to the Anchorage Municipal Landfill at Eagle River.

The city experienced expenditures in new hauling and compaction equipment of $50,000.00. To replace the incinerator with an EPA, DEC approved incinerator capable of handling the type of waste generated in the City of Whittier would cost approximately $500,000 based on information from Entec, a manufacturer of incinerators located in Anchorage.

2. VISITOR'S INTERPRETIVE CENTER

Whittier's location as the only western access to salt water in Prince William Sound, 60 miles from the large population center of Anchorage, 25 miles from Girdwood and Alyeska Ski Resort and 15 miles from Begich Boggs Visitor Center at Portage, makes this community an attractive "get-away" destination for Alaskan's and visitors to Alaska alike.

The estimated number of visitors passing through Whittier during the 110 days of the summer tourism season is estimated to be more than 50,000. With the advent of improved access to Whittier, planned for 1997, the potential exists that the number of visitors in a summer season may triple. There is no existing facility which can function as a point at which visitors can familiarize themselves with the unique environment and recreational opportunities that exist in western Prince William Sound. The vision for this facility is that it would consist of approximately 8,000 square feet of space in which dioramas of the ecosystem in Prince William Sound would be portrayed, tanks of sea water containing the flora and fauna of the Sound would be presented, photographs of the flora and fauna of the area and interactive audio and video experiences would be provided visitors.

The center is estimated to cost about $110.00 per square foot.

3. RESTORE SALTWATER ACCESS POINTS

As a direct result of the increased demand for access to Prince William Sound during the oil spill Whittier's only alternative access, the Smitty's Cove boat launch area was destroyed. The damage to the launch ramp contributed to general erosion of the area and now needs substantial work to recover rip-rap and fill to replace washed out areas with new rock. A new launch ramp at Smitty's Cove may possibly be funded through the Alaska Department of Fish and Game Sport Fish Division in FY 1994, but this development, if it occurs, will not fund repair of erosion damage. Estimated cost to repair damage $100,000.

Other access points to saltwater were pushed through during this period to service oil spill and related activities. These points have been left as little more than scars. They should be outfitted with ramps and adequate rip-rap to provide protection from heavy wave action. Estimated cost to return areas to original condition is equal to the cost of outfitting areas to provide an access point: $150,000.

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
C/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 18, 1993

Exxon Valdez Oil Spill Trustees Council
648 G Street
Anchorage, AK 99501

Dear Council Members:

Attached please find a revised proposal for payment of hatchery debt which PWSCORS would like to see included in the 1994 Draft Work Plan for the Exxon Valdez Oil Spill trust funds. As you know, PWSCORS has previously endorsed this project and has sent you preliminary information. The three-page description attached is the result of discussions between Prince William Sound Aquaculture Association and the Valdez Fisheries Development Association.

As you are no doubt aware, there are problems with the fisheries in Prince William Sound and we envision this project as a way in which to find solutions. We ask that you give this proposal serious consideration for inclusion in the 1994 plan. Thank you very much.

Sincerely,

Charles K. Weaverling

C.K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

CK/al

EXXON VALDEZ OIL SPILL PROJECT DESCRIPTION
FY-94 WORK PLAN

Project Number:

Project Title: Retirement of Debt for Prince William Sound Salmon Hatcheries

Project Category: Resource Restoration and Replacement

Lead Agency: Alaska Dept. of Commerce & Economic Development

Cooperating Agencies: Alaska Dept. of Fish & Game

Project Term: Fiscal Year 1994.

INTRODUCTION:

The private, non-profit salmon hatchery program in Alaska was established in the early 1970's, following a period of low salmon production in the state, for the purpose of salmon fisheries restoration. Regional aquaculture associations, formed by the salmon fishermen of various regions in the state, and designated by the ADF&G Commissioner as qualified, voted to tax themselves as one means of funding the regional salmon restoration and enhancement programs.

By law, representativess of the ADF&G staff and regional aquaculture associations are authorized to form regional planning teams for the purpose of developing comprehensive salmon plans which describe the salmon restoration and enhancement objectives for each particular region. These plans also document enhancement procedures which are dictated by the Alaska Department of Fish & Game fish genetics, pathology, and stocking policies.

The Phase-I Prince William Sound Comprehensive Salmon Plan was completed in the early 1980's. That plan envisioned an enhanced salmon fishery in which both wild and hatchery stocks could be managed on a sustained yield basis. Then, in 1989, the Exxon Valdez oil spill occurred. The flow of crude oil through Prince William Sound followed the traditional path of outmigrant salmon, which leave the Sound through Montague Strait and Latouche and Elrington Passages. Young salmon were not only subjected to Exxon Valdez crude, but in subsequent years were subjected to chemicals used in beach cleaning. Direct mortalities occurred when stream intertidal spawning areas were oiled, when young fish were forced to the oiled surface of the Sound by fish and mammalian predators, or through direct ingestion of hydrocarbons in their food supplies. Apparent deviations in migratory behavior in 1991, the unexplained shortfall of pink salmon in the EVOS impacted region in 1992, and the shortfall in Prince William Sound sockeye and pink salmon in 1993 all suggest continued responses to environmental disruption.

In the fall of 1989, following EVOS, the Regional Planning Team decided to revise and update the Prince William Sound Regional Comprehensive Salmon Plan because of its concern for the salmon stocks and fisheries of the Sound. The impacts of the oil spill heightened the concerns of fisheries managers regarding interactions between wild and hatchery stocks and between salmon and their environments. As a result, the ADF&G has tightened its controls (with increased costs to aquaculture associations) on the procedures by which salmon are allowed to be restored and enhanced in Prince William Sound.

The ADF&G has mandated that each salmon restoration or enhancement project approved by that agency must be preceded, then accompanied, by biological studies which are designed to determine if wild stocks might be impacted by the restoration activities. Existing hatcheries have the ability to address restoration and enhancement needs described in the Regional Salmon Plan, but the required evaluation studies which must precede any restoration effort are not yet funded.

WHAT:

The goal of this project is to establish the private, nonprofit hatchery associations as a long-term funding source for the evaluation of salmon stocks and and their environmental interactions within Prince William Sound and the undertaking of projects necessary for the restoration and enhancement of these impacted salmon resources.

Restoration and enhancement objectives can be achieved as follows:

1. Retire the Prince William Sound Aquaculture Corporation and Valdez Fisheries Development Association's indebtedness to the state aquaculture revolving loan fund. Funds formerly needed for debt service would then be available for the following programs which are designed to enable fisheries managers to protect wild salmon stocks in mixed stock fisheries and to restore and enhance stocks. The list of studies which follow are those determined to be necessary for any given restoration project such as that for Coghill lake sockeye salmon which are a Prince William Sound priority.

a. Mark and recapture wild and hatchery salmon to determine their spatial and temporal distribution and relative abundance in the fisheries and at spawning locations.

b. Test-fish to determine the presence/absence of wild stocks at locations proposed for the release of hatchery fish.

c. Operate fish weirs to assess straying of hatchery fish into streams occupied by wild fish, and also to assess straying between wild stocks.

d. Fund genetics studies to describe stocks and the geographical boundaries of each stock's spawning streams, and determine if hatchery stocks are genetically altered over time.

e. Continually Monitor fish health in wild and hatchery stocks utilizing the cooperative services of the ADF&G Fish Pathology Laboratory.

f. Search for early-run pink and chum salmon stocks of sufficient size to restore the early segment of salmon returns to the Sound.

g. Restore salmon stocks with in-stream egg-takes, hatchery incubation, and release of fry or smolts in native streams and lakes.

WHY:

The ADF&G has a mandate to manage wild salmon stocks for sustained yield. The pink, sockeye, and chum salmon fisheries in Prince William Sound are comprised of mixtures of stocks which are often times dominated by hatchery fish. Annual decreases in the ADF&G operating budget has caused that agency to adopt a policy of "user pays" as a funding source for the required evaluation projects described earlier in this document.

Unfortunately, fisheries losses in Prince William Sound the past several years have impacted the aquaculture associations and their ability to fund pre-restoration projects.

HOW:

A one-time repayment of PWSAC's hatchery debt to the state aquaculture loan fund would reduce PWSAC's annual budget needs by over $2.0 million. The VFDA annual debt service is currently about $700,000. Freed of debt, PWSAC and VFDA would, to the extent possible, be able to annually fund those fisheries evaluation studies designated as integral parts of salmon restoration, replacement, and enhancement projects selected as priorities by the users and approved by the ADF&G.

WHEN:

Hatchery debt repayment, FY-94.

Salmon restoration, replacement and enhancement projects would be ongoing—over the life of the hatcheries.

BUDGET:

PWSAC Debt: $25 million
VFDA Debt: $8 million

PWSCORS

Prince William Sound Communities Organized to Restore the Sound
% City of Valdez
P.O. Box 307
Valdez, AK 99686

August 16, 1993

To the Trustee Council:

Carl L. Rosier, Commissioner, Alaska Dept. of Fish & Game
John A. Sandor, Commissioner, Alaska Dept. of Environmental Conservation
Charles E. Cole, Alaska Attorney General
Steven Pennoyer, U.S. Department of Commerce (NMFS)
Paul Gates, U.S. Department of Interior
Michael A. Barton, U.S. Department of Agriculture (USFS)

Dear Trustees:

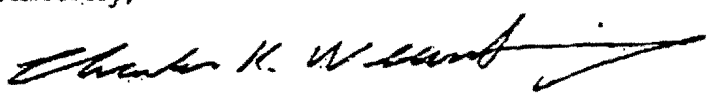
On behalf of the Prince William Sound Communities Organized to Restore the Sound, I am writing to inform you of our unanimous support for the Trustee Council to begin a cooperative relationship with the region by signing the pending Memorandum of Understanding with the Prince William Sound Oil Spill Recovery Institute (as established by the Oil Pollution Act of 1990, Title V). The OSRI board is represented by the Prince William Sound communities, Alaska Natives, four state and six federal agencies, and received peer review from a scientific committee composed of leading experts from academia, industry and management. The Institute is staffed by the Prince William Sound Science Center whose professional reputation has advanced through the convening of three scientific workshops to attract international expertise to examine regional issues and publishing over 20+ peer reviewed papers in leading scientific journals in the short time since its establishment.

The Oil Spill Recovery Institute's mission is two-fold: conduct long-term monitoring in the region affected by the oil spill and establish a research and development program to improve oil spill prevention and response technologies. The collapse of several fisheries in Prince William Sound since the oil spill, the past decisions to stop damage assessment studies by the Trustee Council, and the continuing controversy among outside scientists on what resources were injured has alarmed us because we are dependent upon the renewable resources for maintaining our quality of life. Cooperation with the Institute will signal the Trustee Council's recognition that *we the people, from the Prince William Sound region, have the right to be involved in the decision-making process.* Congress created the Institute to allow us this right. Following the Exxon Valdez settlement, a joint House-Senate conference committee has stated that cooperation and, at least, partial funding of the OSRI's mission of long-term monitoring is the Trustee Council's responsibility. We need this

program to move forward and believe Trustee Council support of OSRI will generate more credibility to the settlement process from the public and scientific communities.

We, PWSCORS, strongly encourage the Trustee Council to cooperate fully with OSRI and enable it to implement its strategic plans for long-term monitoring. The Trustee Council can start by signing the pending Memorandum of Understanding and agreeing to meet with the OSRI to discuss cooperative programs.

Sincerely,



Charles K. Weaverling, Chair and Mayor of the City of Cordova
PWS Communities Organized to Restore the Sound
(9907) 424-6200, 424-5305

cc: Bruce Babbitt, Secretary of Interior
Mike Espey, Secretary of Agriculture
Ron Brown, Secretary of Commerce
George Frampton, Undersecretary of Interior
James Baker, Undersecretary for Oceans & Atmosphere
Rolland Schmitten, National Marine Fisheries Service
Dale Robertson, U.S. Forest Service

PWSCORS
Prince William Sound Communities Organized to Restore the Sound
c/o City of Valdez
P.O. Box 307
Valdez, AK 99686

August 12, 1993

Jerome Montague
Alaska Department of Fish and Game
P.O. Box 025526
Juneau, AK 99802

Dear Jerome,

On behalf of PWSCORS, I am writing to inform you of our support and concern regarding projects included in the Exxon Valdez Oil Spill Trustees draft work plan for 1994. I will outline the projects of interest that have the Alaska Department of Fish and Game (ADF&G) identified as the lead agency.

1) Project #187 - Otolith Marking. PWSCORS is in full support of otolith marking as a supplement and ultimate replacement for coded wire tagging. However, in contrast to the brief description of the project, we feel that otolith marking should no longer be considered experimental in light of the excellent results achieved in Southeast Alaska, specifically at the DIPAC Hatchery.

PWSCORS would like to see the project funded at an increased level of $300,000. This amount reflects the cost of installation of the proper equipment at each of the hatcheries in Prince William Sound. Otolith marking represents considerable cost-savings over coded wire tagging because, once installed, the equipment lasts for the life of the hatchery and is able to mark 100 percent of the fish as opposed to 1 in 500 as with coded wire tagging.

Funding this project now would enable immediate implementation of the procedure. We do not feel that three years of research is necessary and would like to begin otolith marking as soon as possible.

2) Projects #244, 279, 272, 273, 277 - Subsistence projects. PWSCORS is in full support of all efforts to restore and replace subsistence resources in Prince William Sound. We are concerned, however, that the villagers in Chenega Bay and Tatitlek were not consulted in the development of these projects. We would request that you work with the people who live subsistence lifestyles in the further development of these projects.

Additionally, PWSCORS would like to see another project added under the category of subsistence. There is still a need to provide subsistence users with foods that they can no longer obtain in Prince William Sound. At a funding level of $55,000, a program could be implemented to transport subsistence users to other areas where they could hunt and fish and then return home with subsistence foods for themselves and others.

3) Projects #166 and #165 - Pacific Herring Studies. PWSCORS is in full support of herring studies. It is our understanding that Cordova District Fishermen United (CDFU) has requested ADF&G and the PWS Science Center to work together and develop herring assessment proposals using the 130K in CDFU funds to challenge the Trustee Council for matching funds from the 1993 emergency reserves and the 1994 work plan projects. We strongly endorse these projects and urge the Trustee Council to match CDFU's monies.

Specifically, PWSCORS would like to see the implementation of a fall hydroacoustic study of the herring in Prince William Sound. Cordova District Fishermen United (CDFU) is willing to use part of its 130K legislative appropriation to seed this study and we would request that the EVOS Trustees match funds so that the study can begin as soon as possible.

I know that you will be receiving more information from the PWS Science Center and CDFU in the near future, but if you should need my assistance in any area, please do not hesitate to call. Thank you very much.

Sincerely,

Charles K. Weaverling

Charles K. Weaverling
Chair, PWSCORS
Mayor, City of Cordova

contact phones:

City Hall: 424-6200
Orca Books: 424-5305

KW/al

Valdez Fisheries Development Association, Salmon Behavior Studies
$90,000

As with the above project, it is important to first maximize other fund sources that may be available. It is my understanding this project is similar in nature to work the Trustee Council funds from the Exxon Valdez civil settlement, and I encourage the organization to apply to the council.

Sincerely,

Walter J. Hickel
Governor

These comments were received while I was on vacation 7/2/93 - 7/19/93.

These don't pertain to the plan - I don't know who wrote this.

RAW

mo 7671 | # of pages ▸ 3
Rappolberg / Annie
Dept.
Phone # 835-2111
Fax # 562-4871 / 276-7178
Fax #

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Valdez Fisheries Development Association, Salmon Behavior Studies
$90,000

As with the above project, it is important to first maximize other fund sources that may be available. It is my understanding this project is similar in nature to work the Trustee Council funds from the Exxon Valdez civil settlement, and I encourage the organization to apply to the council.

Sincerely,

Walter J. Hickel

Walter J. Hickel
Governor

Post-it™ brand fax transmittal memo 7671	# of pages ▸ 3
To MARTY RUTHERFORD	From Rappolberg / Annie
Co. DNR	Co.
Dept.	Phone # 835-2111
Fax # 562-4871 / 276-7178	Fax #

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Department of Community & Regional Affairs (cont.)

Allocations	Appropriation Items	Appropriation General Fund	Fund Sour Other Fu
Valdez Fire Department - Equipment Purchase (ED 35)	1,000	1,000	
~~Valdez Fisheries Development Association - Salmon Behavior Studies (ED 36)~~	~~90,000~~	~~90,000~~	
Cordova Aquatic Marketing Association - Computer Equipment (ED 35)	5,000	5,000	
Sutton - Library Computer system (ED 35)	40,000	40,000	
Valdez Native Association - Office Equipment (ED 35)	5,000	5,000	
Chistochina Public Safety and Community Development Organization - Volunteer Fire and Emergency Medical Services Building (ED 36)	65,000	65,000	
Aniak Traditional Council - Canning and Tanning Building Renovation (ED 36)	100,000	100,000	
Kuskokwim Economic Development Corporation - Economic Development Project (ED 36)	40,000	40,000	
Kenny Lake Volunteer Fire Department Equipment (ED 36)	15,000	15,000	
Shishmaref IRA Traditional Council - Tannery Project - Operations Expansion (ED 37)	12,100	12,100	
Alaska Native Foundation - Coal Development Project (ED 37)	100,000	100,000	
Tununak IRA Council - Heavy Equipment/Sanitation Project (ED 38)	50,000	50,000	
Akiachak - Clinic Transient Quarters and Sand Pad (ED 39)	100,000	100,000	

Capital Budget Vetoes

Pg	Line	Ag Assn	Project	Amount in Bill	Action	
Section 19 Projects						ELECTION DISTRICT
15	15	CED	BIOCO	3,000.0	Reduce to 1000.0	99
46	5	CED	NW Arctic Coal Project	400.0	Reduce to 100.0	37
9	27	DEC	Lower Kuskokwim School District - Water Projects	4,716.0	Veto	39
44	7	DEC	Yakutat Water and Sewer	898.8	Reduce to 449.9	5
11	8	DHSS	Hope Cottages	711.0	Veto-Apply Competitively	
11	12	DNSS	ASETS - Building Renovations	160.0	Veto-Apply Competitively	
11	18	DHSS	Access Alaska van	34.0	Veto-Apply Competitively	
11	22	DHSS	Access Alaska Residence Modification	120.0	Veto-Apply Competitively	10-.
11	25	DHSS	ARCO Group Homes Renovation	389.5	Veto-Apply Competitively	
11	28	DHSS	ASETS Maintenance	30.0	Veto-Apply Competitively	
11	32	DHSS	CSS - Renovation and Expansion	21.0	Veto-Apply Competitively	
11	35	DHSS	CSS - Special Equipment	5.6	Veto-Apply Competitively	
12	4	DHSS	CSS - Van Improvements	8.6	Veto-Apply Competitively	
18	10	DNR	Goodnews Bay Mineral Lease Appraisal	100.0	Veto	39
46	31	UA	Mat Su Classroom Completion	3,800.0	Reduce to 3000.0	27
Section 21 Projects						
69	8	DFG	Valdez Fisheries Development - Salmon Behavior Studies	90.0	Veto	35
88	8	DNR	O'Malley Golf Course Pathway	70.1	Veto	18
89	30	DNR	Mid Town Rec Center Design	250.0	Veto	19
71	4	UA	Virus Free Seed Potatoes	151.8	Veto	29-34

A

Alaska Center for the Environment

519 West 8th Avenue, Suite 201 • Anchorage, Alaska 99501 • (907) 274-3621

May 20, 1993

EVOS Trustee Council
1994 Work Plan Work Group
645 "G" Street
Anchorage, AK 99501

RE: 1994 Work Plan - Draft List of Potential Projects

Dear Work Group:

The Alaska Center for the Environment (ACE) welcomes the opportunity to comment on the above-referenced document. ACE is a private non-profit grassroots environmental education and advocacy organization whose members live primarily in southcentral Alaska but also throughout Alaska and the United States.

As we stated in our November 20, 1992 (and February 3, 1993 technical corrections) comments on the 1192 Work Plan, it is essential that projects funded must fall within the criteria established by the Memorandum of Agreement and Consent decree. It appears that many of these proposed projects do not fall within these criteria. We urge the Work Group and Trustee Council to review these projects closely and ensure compliance with the Settlement.

There is generally not enough information provided in the document to make informed comments on most of the specific proposed projects; we therefore reserve the opportunity to revise and add to our comments based on additional information in the 1994 Work Plan Draft. However, we do have the following comments at this time:

A. Acquisition of fish and wildlife habitat and areas important for recreation and tourism should be the priority for the majority of funds not only in 1994 but throughout the restoration process. We very much appreciate the efforts made by the Trustee Council and staff which led to the agreement to acquire lands at Seal Bay and Tonki Cape. This is an excellent first step toward establishing a comprehensive program of acquisitions from willing sellers throughout the spill-impacted region. To that end, the 1994 Work Plan should include the following potential acquisitions, on a fee simple or conservation easement basis:

1. Lands owned by Eyak Corporation within Chugach National Forest in eastern Prince William Sound.

2. Lands owned by Chenega Corporation within Chugach

National Forest in western Prince William Sound.

3. Lands owned by Tatitlek Corporation within Chugach National Forest in Prince William Sound

4. Lands owned by Chugach Alaska Corporation within Chugach National Forest.

5. Lands owned by Port Graham and English Bay Corporations within Kenai Fjords National Park.

6. Lands owned by Afognak Joint Venture and others on Afognak Island.

7. Lands owned by Koniag Corporation and others within Kodiak National Wildlife Refuge.

8. Other lands with important habitat and recreation values, as available.

B. We oppose the following projects:

#16 CNF Heritage Interpretive Center, Design - the design and construction of an interpretive center is not within the definition of restoration. Moreover, what kind of center would require $1.2 million just for design?

#52 - #59 - we generally oppose use of restoration funds for education. These activities should occur as part of ongoing agency programs and budgets.

#198 Oiled Wildlife Rehabilitation Center - what oiled wildlife would be rehabilitated? If this is for future oil spills, it does not fall within the definition of restoration.

#199 Seward Sea Life Center - This project is not within the definition of restoration. The Trustees should not spend $40 million of public funds on a tourist attraction ("whale jail") that has no connection to restoration.

C. The resource management agencies represented by the Trustees have statutorily defined mandates to manage and protect the natural resources which belong to the people of the state and nation. Attempts by these same agencies to fund the ongoing management of these resources using settlement money is inappropriate and not allowed under the terms of the settlement. Proposed projects which would fund these ongoing management activities should be rejected.

D. Scientific studies and data collection should not be conducted by agencies, or contractors selected by agencies or the Trustees, without a competitive bid process and adequate peer

review. Funding studies conducted by the same agencies represented by the members of the Trustees is a de facto conflict of interest. Agencies represented by the Trustees should not materially benefit by decisions of the Trustees.

The peer review process needs to be much more rigorous, observing the same standards and processes employed by the National Acadamy of Sciences and the National Science Foundation. Many of the project methodologies will not suffice to achieve their stated objectives, and a rigorous peer review process will identify these problems.

Thank you for your consideration of these comments. We look forward to the opportunity to submit more detailed and informed comments in response to the Draft 1994 Work Plan.

Sincerely,

Alan Phipps
State Lands Specialist

Alaska Wilderness Recreation and Tourism Association

Exxon Valdez Trustee Council
Exxon Valdez Restoration Office
645 G St.
Anchorage, AK 99501

May 12, 1993

Re: Exxon Valdez Oil Spill 1994 Work Plan

Dear Trustees:

The Alaska Wilderness Recreation and Tourism Association appreciates the opportunity to present our preliminary comments on possible projects for the 1994 Work Plan. We represent over 300 businesses and individuals statewide. Over 100 of them operate in the Oil Spill Impacted Area.

Items commented on at this time include:

1) Background on the Recreation and Tourism
2) High Priority Recreation and Tourism Projects
3) Projects AWRTA does not Support
4) Projects proposed by other groups that AWRTA supports

Background on Recreational Users and Tourism Industry:

AWRTA is concerned that inadequate attention is being paid to the different groups within recreational users and the tourism industry: backcountry recreation and tourism which depend on wilderness-quality areas free from the signs of man's handiwork; mid-country areas around urban centers where developed trails, campsites, etc. are appropriate, and urban-style recreation and tourism where museums, nature trails, visitor information centers, sport fishing docks, and wildlife viewing areas are appropriate. The development of facilities such as cabins, fuel docks, marinas in backcountry areas does not restore the losses sustained by backcountry recreation and tourism users anymore than convertng urban areas into wilderness zones would help urban areas to recover their damages. Existing recreation and tourism services already damaged by the spill will be displaced again.

The tourism industry is composed of many segments: low impact wilderness guides, tour boats and cruise ships, sport fishing charters and hunting guides, B&Bs, hotels, and gift shops. Because of their use of the shoreline, wilderness

P.O. Box 1353, Valdez, AK 99686. Phone: 907-835-4300. Fax: 907-835-5679

guides and outfitters sustained significant losses of natural resources on which their businesses depend and consequently income. The courts have ruled that compensation for the loss of natural resources and the services provided by or dependent up upon those resources will occur through the restoration process. Therefore, restoration projects must be designed to restore, not to replace, resources and the services dependent upon them. All projects should be evaluated to determine the benefits they bring as well as the losses that may be incurred.

1. Habitat and Viewshed Aquisition for backcountry recreation and tourism:

Background and Justification: AWRTA strongly supports the acquisition of habitat and viewsheds to help damaged species and dependent fisheries and tourism services recover. Considerable oil remains in the spill impacted area and has an adverse effect on recreation and tourism use. The decision has been made not to remove oil for aesthetic purposes unless there is also a biological gain. Some shore-based backcountry users of the spill afflicted area would prefer to have the oil remove, but most are willing to settle for the acquisition of viewsheds as compensation for their continuing damages. AWRTA supports the majority of the remaining Restoration funds should go to habitat acquisition. AWRTA prefers to wait until reviewing the EIS and Draft Plan before indicating a more precise figure.

AWRTA does not support acquiring only buffer strips around anadromous streams unless the buffer strips are sufficiently wide (perhaps 1000 ft.) and protect the stream and all its tributaries from tidelands to timberline. Under the State's draft regulations buffer strips only protect parts of a stream where anadromous fish occur. This is inadequate to protect water quality and habitat.

AWRTA is concerned that habitat and viewshed acquisition may be perceived as a tool for stopping logging rather than as a means of protecting the most valuable habitats and viewsheds for restoration purposes. We feel that too much emphasis has been placed on imminently threatened lands at the expense of other high value habitat and viewshed areas.

1994 Habitat and Viewshed Acquistion Projects:

1. Dangerous Passage: Jackpot Bay to Eshamy Bay (Chenega lands). This area receives considerable backcountry recreation and tourism use. Parts of it were oiled. Oil still remains on some of the beaches. Recreational users and tourism companies using the area before the spill lost and continue to be deprived of the scenic qualities provided by these beaches. They experienced a loss of wildlife and fisheries resources in this area including intertidal zone species. The recovery is uncertain. Habitat and viewshed acquisition would held both damaged species and the services dependent upon them to recover.

2. **Timber and viewshed resources on Chugach Alaska Corporation lands at the south end of Knight Island.** Chugach Alaska Corporation plans to begin timber operations on these lands as soon as it completes its Montague Island projects. The south end of Knight Island

receives considerable on-shore use from backcountry recreation and tourism as well as scenic-use from cruiseship and ferry boat traffic.

3. **Eyak Parcel #1: Eyak River, Eyak Lake and Power Creek.**

4. Eyak Parcel #2: Nelson Bay, Simpson Bay and Sheep Bay: These provide important habitat and viewshed areas for both natural resources and the people of Cordova. Additional information on these parcels is provided by the City of Cordova.

5. #114. Private in-holdings in the Valdez Duck Flats and DNR Port Valdez Crucial Habitat Area: Justification: The Valdez Duck Flats contains prime wetlands and adjacent areas used by the ten species whose populations declined as a result of the spill, by five of the injured species. They provides wildlife, aesthetic, and other services to recreation and tourism. Development of wetlands and immediately adjacent areas could cause additional injury to these species, recreational users including sport fishermen, tourists and tourism businesses. The University of Alaska is the largest landowner; several small lots are privately owned.

6. State lands on Naked Island: These lands provide habitat for species whose populations declined, receive considerable on-shore use from recreation and tourism, and considerable off-shore scenic-use by cruiseships, tourboats and the State ferry. The lands should receive some type of special use classification that protects their habitat and both on- and off-shore scenic viewsheds.

Projects for mic-country recreation and tourism:

1. #202 Acquisition of recreational sites on the Kodiak road system: Recreational sites along the road were damaged. This proposals would insure public access to areas that could absorb the displacement of recreational activities from oil-damaged areas. For additional information, see the proposal submitted by the Kodiak State Parks Citizne's Advisory Board

2. #208 Land exchange, Shuyak for Kodiak land on road system: Portions of the Shuyak Island coastline were some of the hardest hit by oil following the Exxon Valdez spill. Changes in the patterns of recreational use in the Park resulted from the spill. Acquisition of inholdings from willing

sellers in the park would restore and replace resources injured by the spill. This project meets the objectives of Option 24 of the restoration framework document. Willing sellers of inholdings within Shuyak State Park need to be identified and the land or conservation easements acquired. For additional information, see the proposal submitted by the Kodiak State Parks Citizne's Advisory Board.

3. #162. Public Information and Education: Publish and distribute brochures on injured species and describing ways public can avoid disturbing these species and allowing for their recovery.

Projects for urban recreation and tourism:

1. Natural history interpretive trail in Valdez: There is strong interest in a natural history and interpretive trail and/or boardwalk in Valdez, but inadequate information is available on cost and city support for AWRTA to support this project at this time.

Garbage cleanup and maintenance endowment:

An $18,000 endowment for garbage cleanup and trail maintenance: Justification: Oil still remains on beaches in the spill afflicted area that poses a scenic eyesore. Removal of garbage from oil spill impacted area beaches and trails is one way to improve their appearance. AWRTA supports an endowment that would provide funding to community youth corps and non-profit volunteer groups for trash cleanup projects of beaches and trails. An approximately 18 million dollar endowment would make $500,000 available annually available for cleanup and maintenance grants . (A preliminary estimate from the City of Valdez Parks and Recreation Department for maintenance costs of 1000 ft. of trail is: gravel based = $300, dirt based = $400, and board walk $600).

3) Projects AWRTA does not Support:

AWRTA does not support any projects that would place trails, cabins, or other manmade structures in the Chugach National Forest or affected National Parks unless such projects are specifically part of current land management plans. AWRTA is concerned about the relationship between the Restoration Process and existing Chugach Land Management Plan which does not provide for many of the proposed projects. Since some of these projects change rather than restore lost recreation and tourism opportunities, AWRTA believes they should be subject to the full land management planning process and EIS review.

4) Projects Proposed by other Groups that AWRTA Supports:

1. $150 million Endowment for monitoring the Ecosystem: An endowment for continuing research on the ecosystem and species injured by the spill.

2. Hatchery Debt Retirement: AWRTA supports this in principle, but would like to see the details of the proposal before supporting the project.

3. #30 Salmon studies including continuing the coded wire tag salmon studies and #7 wild stock

rehabilitation studies.

4. Herring studies: hydro-coustic trawl hystological surveys of PWS herring.

5. #6 Restoration of Chenega Village.

Thank you for the opportunity to comment.

Sincerely,

Nancy R. Lethcoe

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Alaska Wilderness Recreation and Tourism Association

Exxon Valdez Trustee Council
Exxon Valdez Restoration Office
645 G St.
Anchorage, AK 99501

May 12, 1993

Re: Exxon Valdez Oil Spill 1994 Work Plan

Dear Trustees:

The Alaska Wilderness Recreation and Tourism Association appreciates the opportunity to present our preliminary comments on possible projects for the 1994 Work Plan. We represent over 300 businesses and individuals statewide. Over 100 of them operate in the Oil Spill Impacted Area.

Items commented on at this time include:

1) Background on the Recreation and Tourism
2) High Priority Recreation and Tourism Projects
3) Projects AWRTA does not Support
4) Projects proposed by other groups that AWRTA supports

Background on Recreational Users and Tourism Industry:

AWRTA is concerned that inadequate attention is being paid to the different groups within recreational users and the tourism industry: backcountry recreation and tourism which depend on wilderness-quality areas free from the signs of man's handiwork; mid-country areas around urban centers where developed trails, campsites, etc. are appropriate, and urban-style recreation and tourism where museums, nature trails, visitor information centers, sport fishing docks, and wildlife viewing areas are appropriate. The development of facilities such as cabins, fuel docks, marinas in backcountry areas does not restore the losses sustained by backcountry recreation and tourism users anymore than converting urban areas into wilderness zones would help urban areas to recover their damages. Existing recreation and tourism services already damaged by the spill will be displaced again.

The tourism industry is composed of many segments: low impact wilderness guides, tour boats and cruise ships, sport fishing charters and hunting guides, B&Bs, hotels, and gift shops. Because of their use of the shoreline, wilderness

P.O. Box 1353, Valdez, AK 99686. Phone: 907-835-4300. Fax: 907-835-5679

2. **Timber and viewshed resources on Chugach Alaska Corporation lands at the south end of Knight Island.** Chugach Alaska Corporation plans to begin timber operations on these lands as soon as it completes its Montague Island projects. The south end of Knight Island

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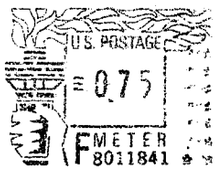
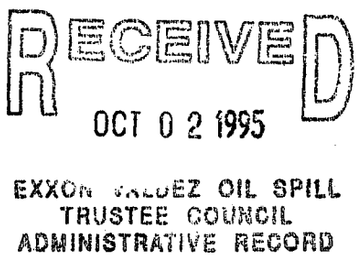


EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

AIR MAIL

FIRST CLASS MAIL



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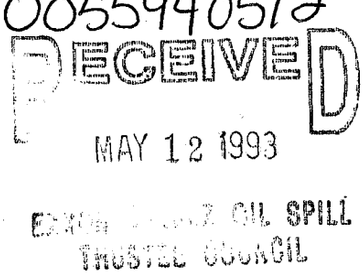

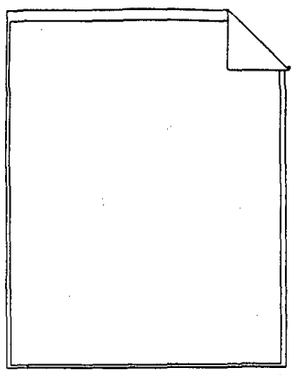

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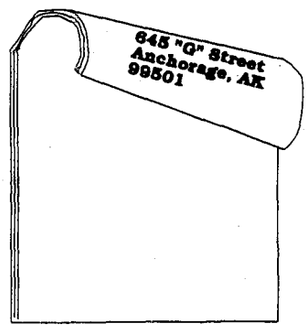

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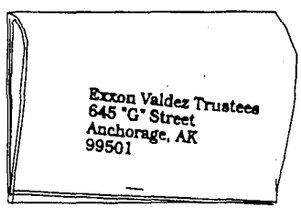

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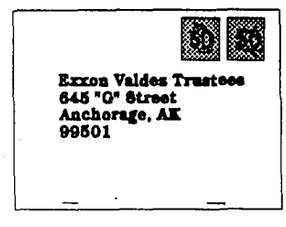

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Resources: Summary of Results of Injury Assessment Studies Done After the *Exxon Valdez* Oil Spill

Resource	Description of Injury			Status of Recovery in December, 1992		Geographic Extent of Injury (a)				Comments/Discussion
	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
MARINE MAMMALS										
Harbor Seals (c)	YES (200)	YES	YES	POSSIBLY STABLE, BUT NOT RECOVERING (a)	UNKNOWN	YES	YES (d)	UNKNOWN	UNKNOWN	Many seals were directly oiled . There was a measurable difference in populations between oiled and unoiled areas in PWS in 1989 and 1990. Population was declining prior to the spill and no recovery evident in 1992. Oil residues found in seal bile were 5 to 6 times higher in oiled areas than unoiled areas in 1990.
Humpback Whales	NO	NO	NO	(e)	(e)	(e)	(e)	(e)	(e)	Other than fewer animals being observed in Knight Island Passage in summer 1989, which did not persist in 1990, the oil spill did not have a measurable impact on the north Pacific population of humpback whales.
Killer Whales	YES (13)	YES	UNKNOWN	RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	13 Adult whales of the 36 in AB pod are missing and presumed dead. The AB pod has grown by 2 whales since 1990. Circumstantial evidence links whale disappearance to oiling.
Sea Lions (c)	UNKNOWN	UNKNOWN	NO	CONTINUING DECLINE	(e)	(e)	(e)	(e)	(e)	Several sea lions were observed with oiled pelts and oil residues were found in some tissues. It was not possible to determine population effects or cause of death of carcasses recovered. Sea lion populations were declining prior to the oil spill.

(a) There may have been an unequal distribution of injury within each region;
(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
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Sea Otters	YES (3,500 TO 5,000)	YES	YES	STABLE, BUT NOT RECOVERING	YES, POSSIBLY	YES	YES	YES (d)	YES (d)	Post-spill surveys showed measurable difference in populations and survival between oiled and unoiled areas in 1989, 1990 and 1991. Survey data have not established a significant recovery. Prime-age animals were still found on beaches in 1989, 1990 and 1991. Carcasses of sea otters feed in the lower intertidal and subtidal areas and may still be exposed to hydrocarbons in the environment.
TERRESTRIAL MAMMALS										
Black Bear	NO	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	No field studies were done.
Brown Bear	NO	NO	NO	(e)	(e)	(e)	(e)	(e)	(e)	Hydrocarbon exposure was documented on Alaska Peninsula in 1989 including high hydrocarbon levels in the bile of one dead cub. Brown bear feed in the intertidal zone and may still be exposed to hydrocarbons in the environment.
River Otters	YES (NUMBER UNKNOWN)	UNKNOWN	YES	UNKNOWN	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	Exposure to hydrocarbons and sub-lethal effects were determined, but no effects were established on population. Sub-lethal indicators of possible oil exposure remained in 1991. River otters feed in the intertidal and shallow subtidal areas and may be still be exposed to hydrocarbons in the environment.
Sitka Black-tailed Deer	NO	NO	NO	(e)	(e)	(e)	(e)	(e)	(e)	Elevated hydrocarbons were found in tissues in some deer in 1989.

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BIRDS										
Bald Eagles	YES (614-902)	YES	YES	RECOVERING	UNKNOWN	YES	YES	YES (d)	YES(d)	Productivity in PWS was disrupted in 1989, but returned to normal in 1990. Exposure to hydrocarbons and some sub-lethal effects were found in 1989 and 1990, but no continuing effects were observed on populations.
Black-legged Kittiwakes	YES (NUMBER UNKNOWN)	NO	NO	NO CHANGE	NO	YES	YES (d)	YES (d)	YES (d)	Total reproductive success in oiled and unoiled areas of PWS has declined since 1989. Hydrocarbon contaminated tissues were detected in 1989. Hydrocarbon contaminated stomach contents were detected in 1989 and 1990. This species is known for great natural variation and reproductive failure may be unrelated to the oil spill.
Black Oyster-catchers	YES (129 ADULTS; UNKNOWN FOR CHICKS (f)	YES	YES	RECOVERING	YES	YES	YES (d)	YES (d)	YES (d)	Differences in egg size between oiled and unoiled areas were found in 1989. Exposure to hydrocarbons and some sublethal effects were determined. Populations declined more in oiled areas than unoiled areas in post-spill surveys in 1989, 1990 and 1991. Black oystercatchers feed in the intertidal areas and may be still be exposed to hydrocarbons in the environment.
Common Murres	YES (175,000 to 300,000)	YES	YES	DEGREE OF RECOVERY VARIES IN COLONY	YES	NO	YES	YES	YES	Measurable impacts on populations were recorded in 1989, 1990 and 1991. Breeding is still inhibited in some colonies in the Gulf of Alaska.
Glaucous-winged gulls	YES (NUMBER UNKNOWN)	NOT DETECTED	NO	NO CHANGE	NO	YES (d)	YES (d)	YES (d)	YES (d)	While dead birds were recovered in 1989, there is no evidence of a population level impact when compared to historic (1972, 1973) population levels.

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	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Harlequin Ducks	YES (423)	YES	YES	STABLE OR CONTINUING DECLINE	YES	YES	YES (d)	YES (d)	YES (d)	Post-spill samples showed hydrocarbon contamination and poor body conditions. Surveys in 1990-1992 indicated population declines and near total reproductive failure. Harlequin ducks feed in the intertidal and shallow subtidal areas and may still be exposed to hydrocarbons in the environment.
Marbled Murrelets (c)	YES (8,000 TO 12,000)	YES	UNKNOWN	STABLE OR CONTINUING DECLINE	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Measurable population effects on were recorded in 1989, 1990 and 1991. Marbled murrelet populations were declining prior to the spill. Hydrocarbon contamination was found in livers of adult birds.
Peale's Peregrine Falcons	UNKNOWN	UNKNOWN	NO	(e)	(e)	(e)	(e)	(e)	(e)	When compared to 1985 surveys a reduction in population and lower than expected productivity was measured in 1989 in the PWS. Cause of these changes are unknown.
Pigeon Guillemots (c)	YES (1,500 TO 3,000)	YES	NO	STABLE OR CONTINUING DECLINE	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Pigeon guillemot populations were declining prior to the spill. Hydrocarbon contamination was found in birds and, externally, on eggs.
Storm Petrels	YES (NUMBER UNKNOWN)	NO	AWAITING RESULTS	NO CHANGE	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Few carcasses were recovered in 1989 although petrels ingested oil and transferred oil to their eggs. Reproduction was normal in 1989.
Other Seabirds	YES (375,000-435,000)	VARIES BY SPECIES	UNKNOWN	VARIES BY SPECIES	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Seabird recovery has not been studied. Species collected dead in 1989 include common, yellow-billed, pacific, red-throated loon; red-necked and horned grebe; northern fulmar; sooty and short-tailed shearwater; double-crested, pelagic, and red-faced cormorant; herring and mew gull; arctic and Aleutian tern; Kittlitz's and ancient murrelet, Cassin's, least, parakeet, and rhinoceros auklet; and horned and tufted puffin.

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Other Sea Ducks	YES (875) (b)	NO	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include Stellar's, king and common eider; white-winged, surf and black scoter; oldsquaw; bufflehead; common and Barrow's goldeneye; and common and red-breasted merganser. Sea ducks tend to feed in the intertidal and shallow subtidal areas which were most heavily impacted by oil.
Other Shorebirds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include golden plover; lesser yellowlegs; semipalmated, western, least and Baird's sandpiper; surfbird; short-billed dowitcher; common snipe; red and red-necked phalarope.
Other Birds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include emperor and Canada goose; brant; mallard; northern pintail; green-winged teal; greater and lesser scaup; ruddy duck; great blue heron; long-tailed jaeger; willow ptarmigan; great-horned owl; Stellar's jay; magpie; common raven; northwestern crow; robin; varied and hermit thrush; yellow warbler; pine grosbeak; savannah and golden-crowned sparrow; white-winged crossbill.
FISH										
Cutthroat Trout	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival and growth between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.
Dolly Varden	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.

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Pacific Herring	YES, TO EGGS AND LARVAE	UNKNOWN	YES	UNKNOWN	NO	YES	UNKNOWN	UNKNOWN	UNKNOWN	Measurable difference in egg counts between oiled and unoiled areas were found in 1989 and 1990. Lethal and sublethal effects on eggs and larvae were evident in 1989 and to a lesser extent in 1990; in 1991 there were no differences between oiled and unoiled areas. It is possible that the 1989 year class was injured and could result in reduced recruitment to the fishery.
Pink Salmon (Wild) (c)	YES, TO EGGS	POSSIBLY	YES	SEE COMMENTS	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	There was initial egg mortalituy in 1989. Egg mortality continued to be high in 1991, possibly due to genetic damage to spawners. Abnormal fry were observed in 1989. Reduced growth of juveniles was found in the marine environment, which can be correlated with reduced survival.
Rockfish	YES (20) (f)	UNKNOWN	YES	UNKNOWN	UNKNOWN	YES	YES	UNKNOWN	UNKNOWN	Few dead fish were found in 1989 in condition to be analyzed. Exposure to hydrocarbons with some sublethal effects were determined in those fish, but no effects established on the population. Closures to salmon fisheries increased fishing pressures on rockfish which may be impacting population.
Sockeye Salmon	UNKNOWN	YES	YES	SEE COMMENTS	YES	UNKNOWN	YES	YES	NO	Smolt survival continues to be poor in the Red Lake and Kenai River systems due to overescapements in Red Lake in 1989, and in the Kenai River in 1987, 1988, 1989. As a result, future adult returns are expected to be low in 1994 and successive years. Trophic structures of Kenai and Skilak Lakes have been altered by overescapement.
SHELLFISH										
Clam	YES (NUMBER UNKNOWN)	UNKNOWN	POSSIBLY, FINAL ANALYSES PENDING	UNKNOWN	UNKNOWN	YES	YES	YES	YES	Native littleneck and butter clams were impacted by both oiling and clean-up, particularly high pressure, hot water washing. Littleneck clams transplanted to oiled areas in 1990 grew significantly less than those transplanted to unoiled sites. Reduced growth recorded at oiled sites in 1989 but not 1991.

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Crab (Dungeness)	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Crabs collected from oil areas were not found to have accumulated petroleum hydrocarbons.
Oyster	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Although studies were initiated in 1989, they were not completed because they were determined to be of limited value.
Sea Urchin	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Studies limited to laboratory toxicity studies.
Shrimp	UNKNOWN	UNKNOWN	NO	(e)	(e)	(e)	(e)	(e)	(e)	No conclusive evidence presented for injury linked to oil spill.
INTERTIDAL/SUBTIDAL COMMUNITIES										
Intertidal Organisms/ Communities	YES	YES	YES	VARIABLE BY SPECIES, SEE COMMENTS	YES	YES	YES	YES	YES	Measurable impacts on populations of plants and animals were determined. The lower intertidal and, to some extent, the mid intertidal is recovering. Some species (Fucus) in the upper intertidal zone have not recovered, and oil may persist in and mussel beds.
Subtidal Communities	YES	YES	YES	VARIABLE BY SPECIES, SEE COMMENTS	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	Measurable impacts on population of plants and animals were determined in 1989. Eel grass and some species of algae appear to be recovering. Amphipods in eel grass beds recovered to pre-spill densities in 1991. Leather stars and helmet crabs show little sign of recovery through 1991.

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(f) Total body count, not adjusted for carcasses not found.

Service	Description of Injury	Status of Recovery in December, 1992	Geographic Extent of Injury (a)				Comments/Discussion
			PWS	Kenai	Kodiak	Alaska Penin.	
Passive Use	In 1991, over 90% of those surveyed (nation-wide) said they were aware of the *Exxon Valdez* oil spill. People report that values have been lost; their feelings about the spill area have changed. There is a wide-spread feeling that something has been lost.	Recovery status is unknown.	YES	YES	YES	YES	Over 50% of those surveyed believed that the spill was the largest environmental accident caused by humans anywhere in the world. The median household willingness to pay for future prevention was $31. Multiplying this by the number of U.S. household results in a damage estimate of $2.8 billion.
Recreation (e.g., hunting, fishing, camping, kayaking, sailboating, motorboating, environmental education)	The nature and extent of injury varied by user group and by area. About a quarter of key informants interviewed reported no change in their recreation experience, but others reported avoidance of the spill area, reduced wildlife sightings, residual oil, and more people. Overall, recreation use declined significantly in 1989. Between 1989 and 1990 a decline in sport fishing (number of anglers, fishing trips and fishing days) were recorded for PWS, Cook Inlet and the Kenai Peninsula. In 1992 an emergency order restricting cutthroat trout fishing was issued for western PWS due to low adult returns. Sport hunting of harlequin duck was affected by restrictions imposed in 1991 in response to damage assessment studies.	Declines in recreation activities reported in 1989 appear to be recovering for some user groups, but the degree of recovery is unknown. EVOS related sockeye over-escapement in the Kenai River and Red Lake system is anticipated to result in low adult returns in 1994 and 1995. These over-escapements may result in sport fishing closures or harvest restrictions during these and perhaps in subsequent years. The 1992 sport fishing closure for cutthroat trout is expected to continue at least through 1993. Harvest restrictions are expected to continue for harlequin duck through 1993.	YES	YES	YES	YES	Survey respondents also reported changes in their perception of recreation opportunity in terms of increased vulnerability to future oil spills, erosion of wilderness, a sense of permanent change, concern about long-term ecological effects, and, in some, a sense of optimism.

(a) There may have been an unequal distribution of injury within each region, see map for location of regions.

Summary of Results of Injury Assessment Studies Done After the *Exxon Valdez* Oil Spill

Service	Description of Injury	Status of Recovery in December, 1992	Geographic Extent of Injury (a)				Comments/Discussion
			PWS	Kenai	Kodiak	Alaska Penin.	
Commercial Fishing	During 1989, emergency commercial fishery closures were ordered in PWS, Cook Inlet, Kodiak and the Alaska Peninsula. This affected salmon, herring, crab, shrimp, rockfish and sablefish. The 1989 closures resulted in sockeye over-escapement in the Kenai River and in the Red Lake system (Kodiak Island). In 1990 a portion of PWS was closed to shrimp fishing.	Currently there are no area-wide oil spill-related commercial closures in effect. Management actions to try to compensate for the spill are still in effect. EVOS related sockeye over-escapement in the Kenai River and Red Lake system is anticipated to result in low adult returns in 1994 and 1995. These over-escapements may result in closure or harvest restrictions during these and perhaps in subsequent years.	YES	YES	YES	YES	Injuries and recovery status of rockfish, pink salmon, shellfish and herring are uncertain. Therefore, future impacts on these fisheries is unknown.
Commercial Tourism	Approximately 43% of the tourism businesses surveyed felt their businesses had been significantly affected by the oil spill in summer 1989. The net loss in visitor spending in the oil spill area in 1989 was $19 million.	By 1990, 12% of the tourism businesses surveyed felt their businesses had been significantly affected by the oil spill.	YES	YES	YES	YES	

(a) There may have been an unequal distribution of injury within each region.

Summary of Results of Injury Assessment Studies Done After the *Exxon Valdez* Oil Spill

Service	Description of Injury	Status of Recovery in December, 1992	Geographic Extent of Injury (a)				Comments/Discussion
			PWS	Kenai	Kodiak	Alaska Penin.	
Subsistence	Subsistence harvests of fish and wildlife in 10 of 15 villages surveyed declined from 4 - 78% in 1989 when compared to pre-spill levels. At least 4 of the 10 villages showed continued lower than average levels of use in the period 1990-1991; this decline is particularly noticeable in the Prince William Sound villages of Chenega and Tatitlek. In 1989-1991, chemical analysis indicated that most resources tested, including fish, marine mammals, deer, and ducks, were safe to eat. In 1989-1991, health advisories were issued indicating that shellfish from oiled beaches should not be eaten.	Many subsistence users believe that continued contamination to subsistence food sources is dangerous to their health. In addition, village residents believe that subsistence species continue to decline or have not recovered from the oil spill.	YES	YES	YES	NO	For detailed information on village subsistence use see table _, page__.

(a) There may have been an unequal distribution of injury within each region.

Summary of Results of Injury Assessment Studies Done After the *Exxon Valdez* Oil Spill

Other Natural Resources and Archaeology: Summary of Results of Injury Assessment Studies Done After the *Exxon Valdez* Oil Spill (b)

Resource	Description of Injury	Status of Recovery in December, 1992	Geographic Extent of Injury (a)				Comments/Discussion
			PWS	Kenai	Kodiak	Alaska Penin.	
Air	Air quality standards for aromatic hydrocarbons were exceeded in portions of PWS. Health and safety standards for permissible exposure levels were exceeded up to 400 times.	Recovered	YES	NO	NO	NO	Impacts diminished rapidly as oil weathered and lighter factions evaporated.
Sediments	Oil coated beaches and became buried in beach sediments. Oil laden sediments were transported off beaches and deposited on subtidal marine sediments.	Patches of oil residue remain intertidally on rocks and beaches and buried beneath the surface at other beach locations. Oil remains in some subtidal marine sediments and has spread to depths greater than 20 meters.	YES	YES	YES	YES	Unweathered buried oil will persist for many years in protected low-energy sites.
Water	State of Alaska water quality standards may have been exceeded in portions of PWS. Federal and State oil discharge standards of no visible sheen were exceeded.	Recovered	YES	YES	YES	YES	Impacts diminished as oil weathered and lighter fractions evaporated.
Archaeological sites/artifacts	Currently, 24 sites are known to have been adversely affected by oiling, clean-up activities, or looting and vandalism linked to the oil spill. 113 sites are estimated to have been similarly affected. Injuries attributed to looting and vandalism (linked to the oil spill) are still occurring.	Archaeological sites and artifacts cannot recover; they are finite non-renewable resources.	YES	YES	YES	YES	
Designated Wilderness Areas	Many miles of Federal and State Wilderness and Wilderness Study Area coastlines were affected by oil. Some oil remains buried in the sediments of these areas.	Oil has degraded in many areas but remains in others. Until the remaining oil degrades, injury to Wilderness areas will continue.	YES	YES	YES	YES	

(a) There may have been an unequal distribution of injury within each region.
(b) This page has not yet been reviewed by the Chief Scientist.

(a) There may have been an unequal distribution of injury within each region.

15.2.4 61

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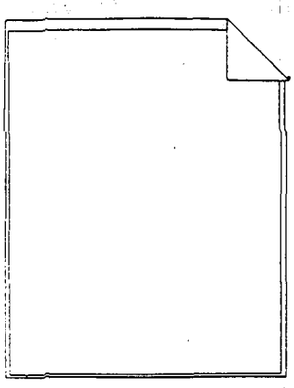
Juneau, Alaska 99801

EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



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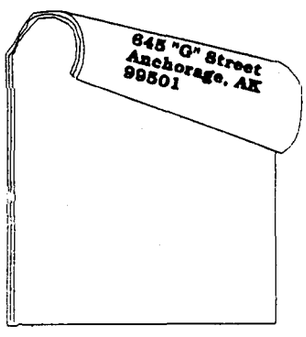

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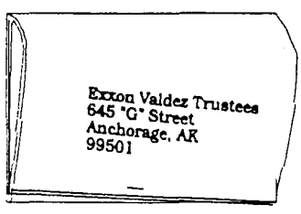

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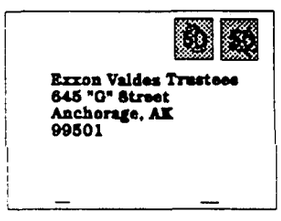

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Name: Pupe Andrews
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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION PWS	KEN	KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									X
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M									X
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									X
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									X
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M	X								
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	X								

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	KEN	KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M									X
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M									X
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									X
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M									X
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M									X
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									X
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									X
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									X
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									X
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									X
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M									X
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									X
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR in $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									X
47		Restoration Monitoring						M									X
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									X
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M									X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1									X
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									X
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									X
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									X
54		Public Information	PWS Brochures	X			$65	M									X
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									X
56		Public Information	PWS Large Format Photographic Book	X			$100	M									X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									X
58		Public Information	PWS Video Programs	X			$100	M									X
59		Public Information	Science of the Sound- Education Program	X			$53	M									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M									X
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									X
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									X
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									X
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M									X
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M	X								
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									X
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									X
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M	X								
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M	X								
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M	X								
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M	X								
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									X
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									X
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									X
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									X
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									X
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									X
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									X
93		Monitoring	Recovery Monitoring	X			$125	M									X
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									X
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									X
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									X
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									X
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									X
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									X
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									X

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									X
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M	X	X							
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									X
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1									X
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									X
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									X
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1									X
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1									X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1									X
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1									X
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									X
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									X
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									X
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									X
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									X
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									X
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									X
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1	X								X
131		Increase Natural Food Supply															X
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									X
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									X
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									X
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									X
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									X
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M									X
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									X
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									X
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									X
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									X
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									X
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									X
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									X
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									X
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									X
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									X
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									X
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1	X								
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									X
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M									X
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									X
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M									X
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									X
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M	X	X	X	X					
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									X
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M	X	X	X	X					

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158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M	X								
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M									X
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									X
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M									X
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M									X
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									X
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M									X
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									X
174		Restoration Monitoring															
175		Temporary Predator Control															

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									X
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									X
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									X
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									X
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									X
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									X
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									X
183		Intensify Mar agement	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									X
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									X
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									X
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									X
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									X
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									X
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									X
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									X
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									X
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M									X
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									X
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									X
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									X
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									X
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									X
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									X
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									X
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									X
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M	X								

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									X
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									X
220		Option Not Identified	Increased Access PWS	X			$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									X
233		Visitor Center	Interpretation of PWS	X			$10	M									X
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									X
236		Visitor Center	Valdez Visitor Center	X			$850	1									X
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									X
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									X
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									X
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									X
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									X
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									X
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									X
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									X
249		Restoration Monitoring															

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															X
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									X
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									X
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									X
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									X
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									X
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									X
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									X
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									X
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									X
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1	X								
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
268	**Subsistence**	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									X
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									X
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									X
280	**Subtidal**	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M									X
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									X
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M									X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M	X	X	X	X					
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									X
288	**Technical Services**	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M	X								
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M	X								

already Tested why again? See proposal # 285

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	X								
291		Administration	Toxicological Profile of PWS	X			$150	M	X								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	X								
293		Public Information	Database Integration	X	X	X	$148	M	X								
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	X								
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M	X								
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M	X								
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M									
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M	✓								
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	✓								

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1994 POTENTIAL PROJECT TITLES

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22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M	✓								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									
47		Restoration Monitoring						M									
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M									
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									
54		Public Information	PWS Brochures	X			$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									
56		Public Information	PWS Large Format Photographic Book	X			$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									
58		Public Information	PWS Video Programs	X			$100	M									
59		Public Information	Science of the Sound- Education Program	X			$53	M									

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60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M									
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M	✓								
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M	✓	✓	✓	✓	✓	✓	✓	✓	
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M	✓	✓	✓	✓	✓	✓	✓	✓	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									

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82	**Intertidal**	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M	✓	✓							
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M	✓	✓	✓	✓	✓	✓	✓	✓	
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									
92	**Killer Whale**	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									
93		Monitoring	Recovery Monitoring	X			$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	**Marbled Murrelet**	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									

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102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park.			X	$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1									

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128	**Multiple Resources**	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M									
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M	✓	✓	✓	✓	✓	✓	✓	✓	
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1									
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M									
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M	✓	✓	✓	✓	✓	✓	✓	✓	
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	✓								
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M									
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M									

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158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M	✓	✓	✓	✓	✓	✓	✓	✓	
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M	✓	✓	✓	✓	✓	✓	✓	✓	
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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				PWS	KEN	KOD											
176	**Pink Salmon**	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M									
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									
197	**Recreation**	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									

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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M	✓	✓							
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M	✓	✓	✓						
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									

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232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									
233		Visitor Center	Interpretation of PWS	X			$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									
236		Visitor Center	Valdez Visitor Center	X			$850	1									
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M	✓								
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M	✓								
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									
249		Restoration Monitoring															

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									

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268	**Subsistence**	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									
280	**Subtidal**	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M									
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M									
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M	✓	✓	✓						
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M									
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									
288	**Technical Services**	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M									

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290	**Technical Services**	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M									
293		Public Information	Database Integration	X	X	X	$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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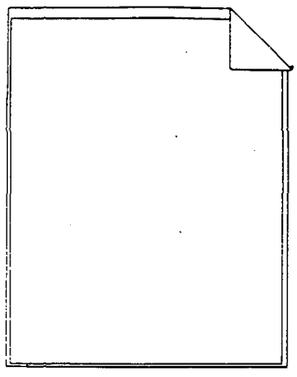
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



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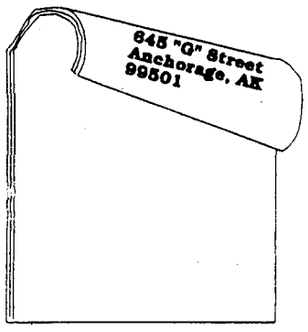

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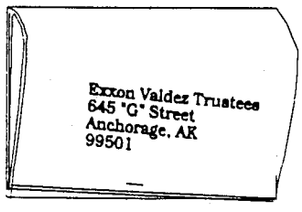

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Name: ANCHORAGE AUDUBON
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1994 POTENTIAL PROJECT TITLES

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1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M									
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M	✓	✓							
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	✓	✓							

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22	**Black Oystercatcher**	Restoration Monitoring																
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		X	X	X	$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources		X	X	X	$385	M									
25		Intensify Management	Fishery Industrial Technology Center		X	X	X	$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage			X		$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation			X		$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment		X	X	X	$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association		X			$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery		X			$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment		X	X	X	$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island				X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration		X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program			X		$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation				X	$191	M									
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity		X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study		X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	X	$191	M									
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT				$460	M									

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42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M	✓	✓							
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									
47		Restoration Monitoring						M									
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M	✓	✓							
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									
54		Public Information	PWS Brochures	X			$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									
56		Public Information	PWS Large Format Photographic Book	X			$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									
58		Public Information	PWS Video Programs	X			$100	M									
59		Public Information	Science of the Sound- Education Program	X			$53	M	✓								

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60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	✓	✓							
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M	✓	✓							
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M	✓	✓	✓						
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M	✓								
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M	✓								
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M	✓	✓							
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M	✓	✓							
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M	✓	✓							
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M	✓	✓							
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M	✓	✓							
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M	✓	✓							
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M	✓	✓							

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82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M	✓	✓							
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M	✓								
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									
93		Monitoring	Recovery Monitoring	X			$125	M	✓								
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M	✓								
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M	✓								
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M	✓	✓							
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M	✓	✓							
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M	✓	✓							
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									
100		Minimize Incidental Take							✓								
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									

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102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1	✓								
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M	✓								
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1	✓								
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	✓								
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1	✓								
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1	✓								
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1	✓								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1	✓								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1	✓								
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1	✓								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1	✓								

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128	**Multiple Resources**	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1	✓								
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1	✓								
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1	✓								
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M									
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M	✓								
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1	✓								
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M	✓	✓							
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1									
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M									
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	✓								
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M	✓								
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M	✓	✓							
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M									

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158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M	✓	✓							
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M	✓	✓							
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M	✓	✓							
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M	✓	✓							
174		Restoration Monitoring															
175		Temporary Predator Control															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	**Pink Salmon**	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M	✓								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M	✓								
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M									
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M	✓								
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									
197	**Recreation**	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									

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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M	✓								
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M	✓	✓							
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1	✓								
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									

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232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									
233		Visitor Center	Interpretation of PWS	X			$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									
236		Visitor Center	Valdez Visitor Center	X			$850	1									
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									
243		Monitoring															
244	**Sea Otter**	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M	✓	✓							
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M	✓	✓							
249		Restoration Monitoring															

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									

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268	**Subsistence**	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M	✓	✓							
280	**Subtidal**	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M	✓	✓							
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M	✓								
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M	✓	✓							
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M	✓	✓							
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									
288	**Technical Services**	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M									

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	✓	✓							
291		Administration	Toxicological Profile of PWS	X			$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M									
293		Public Information	Database Integration	X	X	X	$148	M	✓								
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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15.2.4 7,

APPLIED
marine
SCIENCES

July 12, 1993

To: Trustee Council
From: Robert B. Spies, Chief Scientist
Re: Recommendations for the 1994 Work Plan

At your last meeting you requested that I comment on the projects for the 1994 work plan. I had hoped to have submitted a list to you at the same time that the Restoration Team submitted their list. However, the urgency of final report and work plan reviews for 1993 have delayed my consideration of 1994 projects. It appears impractical at this stage to do more than comment on the list of proposed projects submitted by the Restoration Team.

In order to provide a sensible evaluation of the projects, I have devised a priority scheme similar to that of the Restoration Team with low, medium, and high priorities. However, I have added a few additional categories as follows:

RECEIVED
JUL 16 1993
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

A. Top Priority:

1. Highly recommended.
2. Important, but we can skip a year.
3. Important, but more information is needed before a recommendation can be made. In many cases, the most recent field data should be evaluated before assigning a priority.

B. Medium priority.

C. Low priority.

D. No opinion. Generally the decisions on these are non-technical and more a matter of policy.

E. Special case. Suites of studies on important resources that require an extensive planning effort relative to projects funded from other sources.

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

As in the past I have tried to take into account the degree of resource injury and recovery, the importance of the proposed project to the resource, the timeliness of the proposed activity, the need for judicious conservation of the funds, etc. Since the results of many of the 1993 projects are unavailable, I consider many of my recommendations preliminary. As these results become available, I may modify my recommendations regarding the 1994 workplan.

We are fortunate that nature's recuperative powers are such that skipping projects this year will not have a negative effect on recovery of most resources, although opportunities for enhancement could be missed. This provides you the opportunity to fund a relatively large project, stay within a desired level of spending, and at the same time be assured that most resources will continue to recover. In this connection I would like to mention a relatively expensive project, the Alaska Sea Life Center, that is attractive for a variety of reasons:

1. It will benefit marine resources injured by the spill.

2. It will promote interest in and knowledge about the marine and coastal resources affected by the spill.

3. It will encourage tourism and therefore compensates Alaska for the damage to tourism from the spill.

4. It will be a lasting benefit from the spill restoration funds and will continue to benefit the area long after the Trustee Council has expended the last restoration dollar on other resource projects.

For these reasons the Alaska Sea Life Center has my highest recommendation. The remainder of my recommendations are summarized in the attached table. The project numbers in this list correspond to those in the June 29th memo from the Restoration Team. I would be pleased to elaborate on my reasons for placing any of the following projects in their respective categories, and I will gladly undertake any further review of projects for the 1994 work plan that you request.

Recommendations for the 1994 Workplan

(Project Numbers are from the Restoration Team Memo of June 29, 1993)

Top Priority

Recommended for 1994

Resource	Proj. #
Archeology	7
Hydrocarbon data	290
Alaska Sea Life Center	199
Intertidal	68
Marbled murrelets	102
Habitat protection	110
Habitat protection	126
Monitoring Program	147

Conduct in 1995 or 1996

Resource	Proj. #
Common Murre	39
Common Murre	41
Common Murre	40
Harlequin Duck	66
Intertidal: Herring B.	86
Killer whales	92
Boat surveys	159
Herring spawn depo.	166
Subtidal commun.	285
Intertidal	77

More Information Needed

Resource	Proj. #
Intertidal: mussel beds	85
Shoreline assessment	145
Harbor Seals	64
Intertidal: Littlenecks	81
Mussel bed restoration	90
Shoreline oil removal	266
Black oyster catchers	20
Pigeon Guillemots	173
Sea otter biology	246
Sea otter telemetry	247

Medium Priority

Resource	Proj. #
Cutthroat/D. V.	43
River otters	237
Rockfish management	241
Red lake restoration	260
Bald eagle	18
Bald eagle	19
Intertidal	83
Multiple resources	155
Multiple resources	154

Low Priority

Resource	Proj. #
Fucus restoration	70
Coghill lake	259
Hatchery debt	377
Commercial fish	137
Cutthroat/D.V.	44
River otter manag.	240
Rockfish	242
Sea otter	245
Spot shrimp	280

Special Case, needs planning

Resource	Proj. #
Commercial Fish	345
Commercial Fish	139
Forage fish study	163
Pink salmon	184
Pink salmon	185
Pink salmon	192
Pink salmon	198
Pink salmon	191
Pink salmon	187
Pink salmon	195

No Opinion

Resource	Proj. #	Resource	Proj. #	Resource	Proj. #
Archeology	386	G of A recreation plan	216	Multiple resources	320
Archeology	15	Subsistence	244	Multiple resources	341
Waste oil disp	417	Subsistence	279	Multiple resources	342
Garbage cleanup	316	Subsistence	272	Multiple resources	161
Green Island cabin	209	Subsistence	273	Multiple resources	356
PWS recreation plan	217	Subsistence	277	Subsistence	275
Land easements	200	General	54	General	59

B

15.2.4 8B

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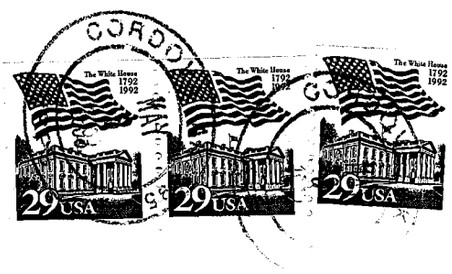
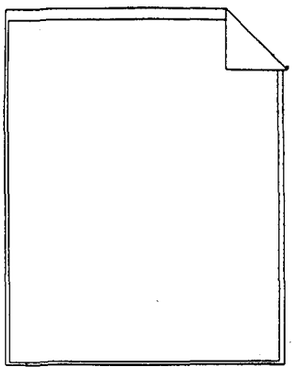


EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



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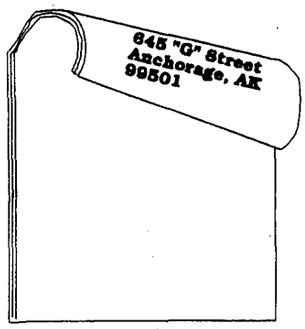

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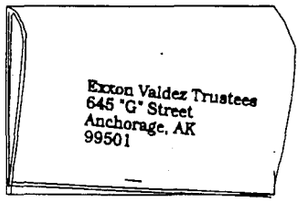

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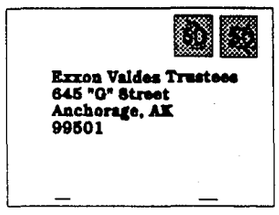

Attach Correct Postage

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									✓
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									✓
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									✓
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									✓
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									✓
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									✓
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									✓
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M		✓							✓
9		Public Information	Heritage Information Replacement	X	X	X	$200	M	✓								
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									✓
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M		✓							✓
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M	✓								
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									✓
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									✓
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M		✓							✓
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1	✓								
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M		✓							✓
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M	✓								
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									✓
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M									✓
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	✓								

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1994 POTENTIAL PROJECT TITLES

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22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M	✓								
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M	✓								
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									✓
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									✓
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									✓
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M	✓								
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									✓
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M	✓								
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M	✓								
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									✓
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M	✓								
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									✓
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									✓
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									✓
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									✓
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									✓
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M									✓
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									✓
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									✓

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1994 POTENTIAL PROJECT TITLES

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42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									✓
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									✓
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									✓
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									✓
47		Restoration Monitoring						M									
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									✓
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M	✓								
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1		✓							✓
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M	✓								✓
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M		✓							✓
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M	✓								
54		Public Information	PWS Brochures	X			$65	M			✓						✓
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									✓
56		Public Information	PWS Large Format Photographic Book	X			$100	M	✓	✓							
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M	✓	✓							
58		Public Information	PWS Video Programs	X			$100	M	✓								
59		Public Information	Science of the Sound- Education Program	X			$53	M	✓								

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60	**Harbor Seal**	Cooperative Program-Fishermen							✓								
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	✓								
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M		✓							✓
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M	✓								
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									✓
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															✓
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									✓
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									✓
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									✓
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									✓
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									✓
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									✓
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									✓
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									✓
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M		✓							✓
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M	✓								
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M	✓								
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M	✓								
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									✓
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									✓
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									✓
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									✓

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82	**Intertidal**	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M		✓							✓
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M	✓	✓							
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M	✓								
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M		✓							✓
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M	✓								
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									✓
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									✓
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									✓
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									✓
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									✓
92	**Killer Whale**	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M	✓	✓							
93		Monitoring	Recovery Monitoring	X			$125	M	✓								
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									✓
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									✓
96	**Marbled Murrelet**	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									✓
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									✓
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									✓
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									✓
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									✓

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102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M		✓							
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M		✓							
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M		✓							
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M		✓							
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									✓
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									✓
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									✓
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									✓
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									✓
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									✓
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									✓
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									✓
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1									✓
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									✓
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1		✓							✓
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1	✓								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1									✓
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1									✓
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1									✓
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									✓
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1			✓						✓
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									✓
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1			✓						✓
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1	✓								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1									✓

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128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									✓
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									✓
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									✓
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M		✓							✓
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M	✓	✓							
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M	✓	✓							
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M	✓								
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M		✓							✓
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M	✓								
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									✓
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M	✓								
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									✓
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M	✓	✓							
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M	✓	✓							
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1	✓								✓
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M	✓	✓							
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M	✓								✓
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M		✓							✓
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M	✓								
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									✓
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1		✓							✓
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M	✓	✓							✓
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M	✓								✓
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M		✓							✓
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	✓								
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M		✓							✓
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M		✓							✓
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M	✓	✓							✓
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M									✓

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M	✓								
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M	✓								
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									✓
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									✓
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M									✓
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									✓
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M	✓								
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M	✓								
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M	✓								
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M	✓								
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M	✓								
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M	✓								
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M									✓
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									✓
174		Restoration Monitoring															
175		Temporary Predator Control															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	**Pink Salmon**	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M	✓								
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1		✓							✓
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1	✓								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									✓
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1	✓								
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									✓
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M	✓	✓							
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M	✓	✓							
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M	✓	✓							
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M	✓	✓							
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M	✓	✓							
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M	✓	✓							
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M	✓	✓							
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M	✓	✓							
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M	✓	✓							
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M	✓	✓							
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M	✓	✓							
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M	✓	✓							
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M	✓								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M	✓								
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M	✓								
197	**Recreation**	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									✓
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1		✓							✓
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1		✓							✓
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M	✓								
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M	✓								

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									
233		Visitor Center	Interpretation of PWS	X			$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									
236		Visitor Center	Valdez Visitor Center	X			$850	1									
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									
249		Restoration Monitoring															

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M	✓								
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									✓
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									✓
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									✓
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									✓
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									✓
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									✓
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									✓
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M	✓								
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									✓
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									✓
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									✓
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									✓

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									✓
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									✓
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M		✓							✓
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M	✓								
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M	✓								
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									✓
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									✓
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									✓
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									✓
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									✓
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									✓
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M		✓							✓
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									✓
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M	✓								
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									✓
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									✓
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M									✓
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									✓
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									✓
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M	✓								
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M	✓								

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	✓	✓							
291		Administration	Toxicological Profile of PWS	X			$150	M	✓	✓							
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	✓								
293		Public Information	Database Integration	X	X	X	$148	M	✓								
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M		✓							
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M	✓								
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									✓
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									✓

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1994 POTENTIAL PROJECT TITLES

RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
Monitor	Phyto plankton Zoo plankton Plankton	I would like to see studies concerning our plankton levels since the oil spill. How do levels compare now against say 10 yrs ago Any studies concerning damage to the food base for our salmon herring etc I feel would be very beneficial				?	M	✓								

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1994 POTENTIAL PROJECT TITLES

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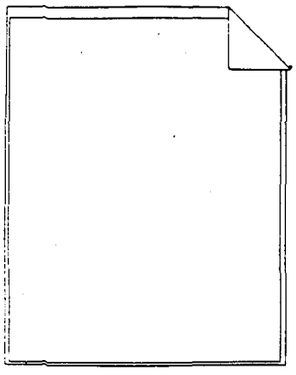
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



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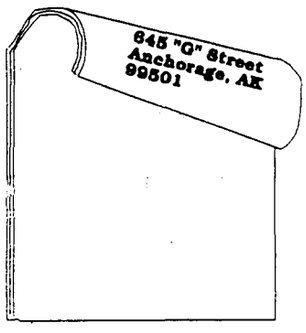

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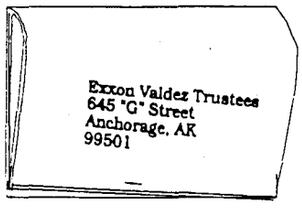

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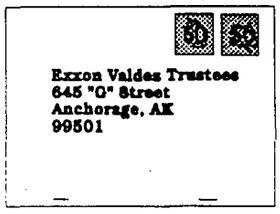

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Name: Evelyn Biggs
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1994 POTENTIAL PROJECT TITLES

No.	RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M									
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M									

Eagles are fine - they are @ seed wlo help

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1994 POTENTIAL PROJECT TITLES

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22	**Black Oystercatcher**	Restoration Monitoring																
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		X	X	X	$1,100	M	X								
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources		X	X	X	$385	M	X								
25		Intensify Management	Fishery Industrial Technology Center		X	X	X	$3,500	1								X	→ Outside Oil Path
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage			X		$150	M								X	
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation			X		$300	M								X	
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment		X	X	X	$200	M	X								
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association (why us pay for their mistakes)		X			$5,000	1								X	- Emphatic NO
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery		X			$868	M	X	- Fund CWT duplication ??							
31		Recovery Monitoring	Wild Fish Stock Information Assessment		X	X	X	$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island				X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration (too small - waste of $)		X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program			X		$50	M								X	No more enhancement until we understand the impacts of current ch...
35		Replace Harvest Opportunities	Red Lake Mitigation				X	$191	M								X	
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity		X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study		X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	X	$191	M									Leave them alone
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT				$460	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
42	Common Murre	Restoration Monitoring						M									
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									X
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M									X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1	X								
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M	?	?							
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									X
53		Public Information	Publish and Distribute Brochures on Injured Species Let researchers do that	X	X	X	$90	M									X
54		Public Information	PWS Brochures	X			$65	M									X
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									X
56		Public Information	PWS Large Format Photographic Book	X			$100	M									X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									X
58		Public Information	PWS Video Programs	X			$100	M									X
59		Public Information	Science of the Sound- Education Program	X			$53	M	X	X	X	X	X	X	X	X	

No fishing? - werent injured enough - No more hatcheries! until we understand how enhanced production is affecting the ecology already

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60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	X								
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M	X								
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									X
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									X
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M	X		yes						

Should be covered under Sen./Jun

clerk/ integrate

to expensive!

Only ne census to monitor relates to other resource

waste of $

good - use of Monitoring dollars

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1994 POTENTIAL PROJECT TITLES

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82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									X
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M									X
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									X
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									X
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									X
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project You didn't study how shellfish were affected!!	X	X	X	$860	M									X
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									X
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels STUPID	X	X	X	$500	M									X
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									X
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									X
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									X
93		Monitoring	Recovery Monitoring	X			$125	M									X
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									X
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									X
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M	X								
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									X
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M	X								
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									X
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									X

Why restore what you claim was not injured??

Leave them alone!

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#	RESOURCE or SERVICE	RESTORATION OPTION # or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M	X								
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M	X								
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M	X								
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M	X								
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M	X								
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									X
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1	X								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1	X								
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1	X								
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1	X								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1	X								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1	X								
121		Habitat Protection and Acquisition	Conservation Easement-Alalik Bay		X		$90	1	X								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1	X								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1	X								
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1	X								
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1	X								
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1	X								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1	X								

what about PWS ?? why none there ??

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									X
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									X
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									X
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									X
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M	X								
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									X
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M	X								
136		Intensify Management	Seabird Colony Restoration ← ~~leave them~~ alone	X	X	X	$250	M									X
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M	X								
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									X
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									X
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M	—	?	The whole	~~settlement~~					?
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									X
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review -already done!	X	X	X	$7	M	X	?							
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed only if you use them	X	X	X	$650	1	X								
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									X
145		Option Not Identified	Shoreline Assessment — you wasted too much on this already	X	X	X	$250	93 - M									X
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									X
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M	X								
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									X
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1	X								
150		Recovery Monitoring	Injured Resource Food Supply Forage Fish - Multi Agency Coop Study	X	X	X	$850	M	X								
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M	X								
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment ~~of Resurrection Bay~~ PWS Yes		X		$600	M	X — only if Expanded to Sound								
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	X								
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M	X								
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M	X								
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M	X								
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M	X								

Not much you can do here - just buy it or protect it

Sea Others are leaving their own accord due to overpopulation why do you want to enhance them?

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1994 POTENTIAL PROJECT TITLES

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158	Multiple Resources	~~Recovery Monitoring~~	~~Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl~~	X			$91	M	— already covered - last pag								
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M	X								
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education – Public will choose if they need to w/o your help	X	X	X	$316	M									X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M	X								X
164		Restoration Monitoring	Ecosystem Study Shouldn't cost that much-	X	X	X	~~$6,000~~ $1.5 Mill	M	X	– BFD not - Multi Agency / University							
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M	X								
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment – No General Funds	X			~~$400~~ ½	~~M~~	X	Matching Funds w/ General Funds							
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M	X								
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects – Included under 166 - duplicate	X			$189	M	X								X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M	X								
170		Option Not Identified	Enhancement of Pacific Herring – Not needed	X	X	X	$120	M									X
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M	X								
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M	X								
174		Restoration Monitoring															
175		Temporary Predator Control															

Related to 163 - or integrated

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176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration — these are temp bandaids	X	X	X	$25	M									X
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									X
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									X
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									X
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									X
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									X
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									X
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M	X								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M	X								
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M	X								
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M	X								
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M	X								
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M	X								
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M	X								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M	X								
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M	X								
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M	X								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M	X								
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M	X								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M	X								
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M	X								
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak — NO NO NO NO NO		X	X	$1,250	M									X
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									X
199		Establish Marine Environmental Institute	Seward Sea Life Center — STUPID	X	X	X	$40,000	1									X
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									X
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									X

Only w/ Matching Funds — General Funds + PWS Hatcheries — Share the cost w/ folks who need data!!

Not oil spill use — protect + monitor ONLY

Some Recreational use will accelerate & damage!

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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project Cheap!	X			$50	M	X								
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS Not needed	X			$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement – FS fees for cabins Not oil spill	X			$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									X
220		Option Not Identified	Increased Access PWS	X			$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									X

Give $20-30,000 grants/stipends to Institutes here in Seward Mar. Inst. PWS Science Center

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									X
233		Visitor Center	Interpretation of PWS	X			$10	M									X
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta *Good Idea*	X			$150	1	X	*— Matching Funds*							X
236		Visitor Center	Valdez Visitor Center	X			$850	1									X
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M	X								X
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M	X								
239		Restoration Monitoring	*Why didn't Faro have to do this w/his data?!*														X
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									X
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan *— Needed — But only w/ Matching funds —*	X	X		$175	M	X	*only w/matching funds — coop study w/ NOAA + NMFS ADFG Div. Comm. Fish. Research*							
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M	X								
243		Monitoring															
244	**Sea Otter**	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									X
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									X
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									X
248		Monitoring	Sea Otter Population Dynamics *Only if you don't spend all the $ arguing amongst yourselves — we don't need conflicts — just cooperation*	X	X	X	$291	93 - M	X								
249		Restoration Monitoring															

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1994 POTENTIAL PROJECT TITLES

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															X
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									X
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M	X								
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M	X								
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M	X								
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement — NO		X		$143	M									X
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									X
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									X
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M	X								X
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									X
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement — STUPID — Not spill related		X		$4,200	1									X
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil) — Not needed	X			$200	M									X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									X

Only W/ Matching Funds! ADFG

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268	**Subsistence**	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery - ? when you didn't fund shellfish NRDA ??	X	X	X	$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									X
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									X
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									X
280	**Subtidal**	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M	X								X
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M	X								X
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M	X								X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M	X								X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M	X								X
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M	X								X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M	X								X
288	**Technical Services**	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M									X
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M									X

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No More Hatcheries @ until your study eco-impact & cost benefit / cost !!

w/ Matching funds ADEC/NOAA, RCAC & Oil Shippers - Creative Financing !!

↓ why only western ? Then you've got a ... !

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Oil Spill Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	X								
291		Administration	Toxicological Profile of PWS	X			$150	M	X								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	X								
293		Public Information	Database Integration	X	X	X	$148	M	X								
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	X								
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M	X								
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M	X								
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M	X								

Good projects reasonable price tags.

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1994 POTENTIAL PROJECT TITLES

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1994 POTENTIAL PROJECT TITLES

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	DO NOT FUND
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M									
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M	X	X	X	X	X	X	X	X	
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M									

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1994 POTENTIAL PROJECT TITLES

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22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M	X	X	X	X	X	X			
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M	X	X	X	X	X	X	X	X	
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M	X	X	X	X	X	X	X	X	
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									

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42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									
47		Restoration Monitoring						M	X	X	X	X	X	X	X	X	
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M	X	X	X	X	X	X	X	X	
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M	X	X	X	X					
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									
54		Public Information	PWS Brochures	X			$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									
56		Public Information	PWS Large Format Photographic Book	X			$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									
58		Public Information	PWS Video Programs	X			$100	M									
59		Public Information	Science of the Sound- Education Program	X			$53	M	X	X	X	X	X	X	X	X	

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1994 POTENTIAL PROJECT TITLES

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60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	X	X	X	X	X	X	X	X	
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M	X	X	X	X	X	X	X	>	
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M	X	X	X	X	X	X	X	X	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									

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82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M	X	X	X	X	X	X	X	X	
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M	X	X	X	X	X	X	X	X	
93		Monitoring	Recovery Monitoring	X			$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									

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1994 POTENTIAL PROJECT TITLES

#	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	DO NOT FUND
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M	X	X	X	X	X	X	X	X	
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M	X	X	X	X	X	X	X	X	
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1	X								
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M	X	X	X	X	X	X	X	X	
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	X	X	X	X	X	X	X	X	
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M									
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M	X	X	X	X	X	X	X	X	

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158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M	X	X	X	X	X	X	X	X	
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M	X	X	X	X	X	X	X	X	
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M	X	X	X	X	X	X	X	X	
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									
171		Restoration Monitoring							X	X	X	X	X	X	X	X	
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M	X	X	X	X	X	X	X	X	
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M	X	X	X	X	X	X	X	X	
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			$15	1	X								
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1	X								
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1	X								

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232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									
233		Visitor Center	Interpretation of PWS	X			$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1	X								
236		Visitor Center	Valdez Visitor Center	X			$850	1									
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M	X	X	X	X	X	X	X	X	
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									
249		Restoration Monitoring															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	OUTSIDE
250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M	X	✓	X	X	X	X	X	X	
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									

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268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M									
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M									
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M									
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M	X	X	X	X	X	X	X		

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M									
293		Public Information	Database Integration	X	X	X	$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M	X	X	X	X	X	X	X	X	
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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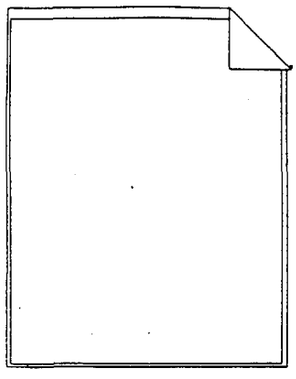

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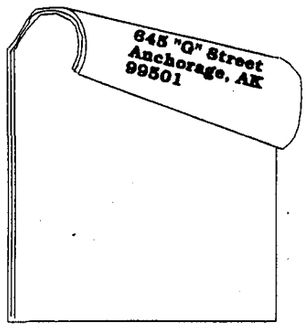

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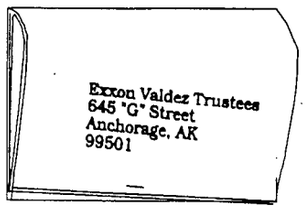

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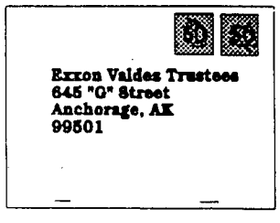

Attach Correct Postage

Name:_____

Phone:_____

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	**Recreation**	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									

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Name: Peggy Brewster
Phone: 224-5468

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	**Pink Salmon**	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M									
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									
197	**Recreation**	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1	X	X	X	X	X	X	X	X	
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									

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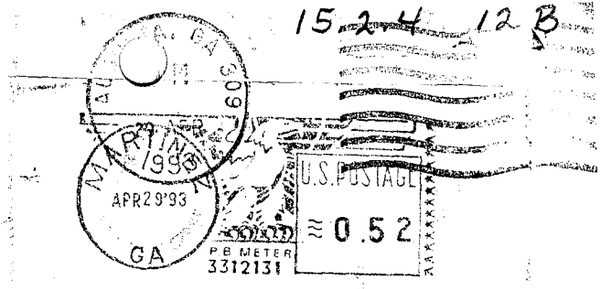
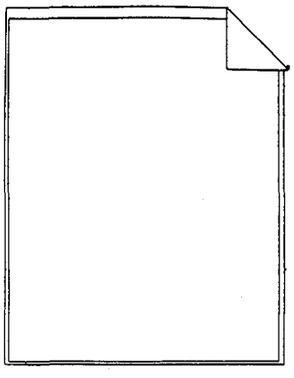
SAM BOOHER
4387 ROSWELL DR.
MARTINEZ, GA 30907



EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

0027940503



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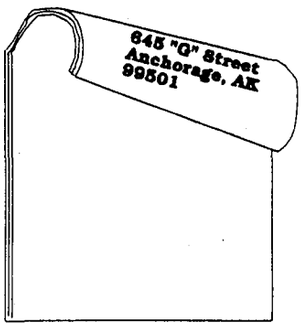

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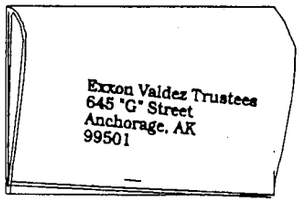

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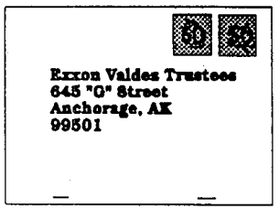

Attach Correct Postage

Name: Sam Booher
Phone: (706) 863-2324

1994 POTENTIAL PROJECT TITLES

#	RESOURCE or SERVICE	RESTORATION OPTION / SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M					X				
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M	X								
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M									
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M									

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Name: Sam Booher
Phone: (706) 863-2324

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST COST/YR $K	EST DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M	X								
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M									X
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M									
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									

← not nee[ded]
← Need m[ore] information to change recomme[ndation]
Reduce or Kil[l]

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Name: Sam Booker
Phone: (706) 863-2324

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M						X			
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									X
47		Restoration Monitoring						M									
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M									
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									
54		Public Information	PWS Brochures	X			$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									
56		Public Information	PWS Large Format Photographic Book	X			$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									
58		Public Information	PWS Video Programs	X			$100	M									
59		Public Information	Science of the Sound- Education Program	X			$53	M									

← Reduce or Kill.

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Name: Tom Brosher
Phone: (706) 863-2324

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M									
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									

← Need more information to remove resource

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Name: Sam Booher
Phone: (706) 863-2324

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									
93		Monitoring	Recovery Monitoring	X			$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									

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Name: Sam Booher
Phone: (706)863-2324

	RESOURCE or SERVICE	RESTORATION OPTION / SUBOPTION	POTENTIAL PROJECTS	REGION PWS	KEN	KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1	X								
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1			X						
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1			X						
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1			X						
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1	X								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1			X						
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1	X								
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1		X							
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1	X								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1	X								
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1	X								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1	X								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1	X								
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1	X								
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1	X								
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1	X								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1		X							

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Name: Sam Booher
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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	KEN	KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
128	**Multiple Resources**	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1	X								
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1	X								
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1	X								
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M									
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1									X
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M									
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M									
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M									
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M									

← (maybe need more information who are they what will funds support

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

← See if can not be reduced

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Name: Jean Booher
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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1						X			
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1						X			
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement.			X	$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M							X		
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									X
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									X
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									X
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M								X	
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M								X	

too much
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Reduce or Kill

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	**Recreation**	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1								X	
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1								X	
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M								X	
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1								X	
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M								X	
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									X
233		Visitor Center	Interpretation of PWS	X			$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									
236		Visitor Center	Valdez Visitor Center	X			$850	1									X
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									
249		Restoration Monitoring															

Reduce or Kill – too much use to (Buy Forest Land For Wildlife Habitat)

– too much Reduce or Kill

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									X
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									X
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery.															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									X	← too much
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									X	← too much
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M										(Reduce or Kill)
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M										
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M										
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									X	← too much
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									X	← too much
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M										
276		Restoration Monitoring																
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M										
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M										
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M										
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M								X		
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M										
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M										
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M										
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M										
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M										
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M										
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M										
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M										
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M										

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M									
293		Public Information	Database Integration	X	X	X	$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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1994 POTENTIAL PROJECT TITLES

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Multiple Resource	Habitat Protection and Acquition	PWS, Ken, KOD (Buy Forest Land in Watershed and make National Wildlife Refuge OR Wilderness areas. - Stop Clearcutting Forests - buy land	X	X	X	unk	1	X								
Recreation	Habitat Protection	Develop a plan to limit Cruise Ships in PWS, KEN, KOD and insure No trash, oil spill + human waste is thrown overboard	X	X	X	unk	1	X								

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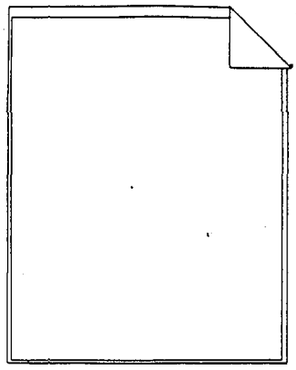
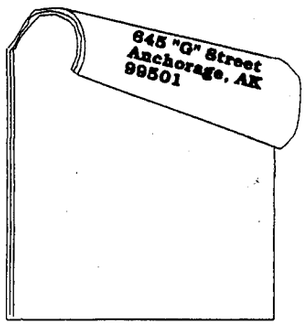
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



Please Stack Your Comment Sheets On Top Of This Page....



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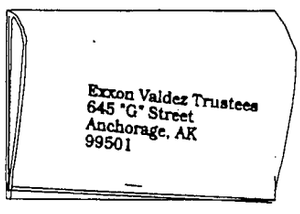

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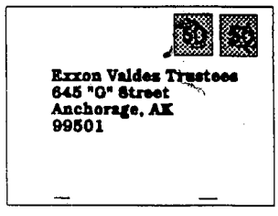

Attach Correct Postage

Name: Tim Bowman
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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION / SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M	X								
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M		X							
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M			X						
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-interagency	X	X	X	$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									X
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats (out)	X	X	X	$262	M		X							
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M		X			X			X	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M		X			X			X	
							Low - Should be More like 25K										
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M									X
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	X								

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1994 POTENTIAL PROJECT TITLES

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22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M				X					
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M		X	X	X	X				
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									X
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M	X								
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M		X	X	X	X	X			
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									X
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									X
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M		X							
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									X
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring (OUT)	X	X	X	$191	M	X	X	X	X	X	X	X	X	
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M	X	X	X	X	X	X	X	X	X
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies (OUT)				$460	M		X	X						

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42	**Common Murre**	Restoration Monitoring						M									
43	**Cutthroat/Dolly**	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M									X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M									X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X		-	$35	M									X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									X
47		Restoration Monitoring						M									
48	**General**	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1	X	X	X						
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M									X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1		X	X						
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									X
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									X
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									X
54		Public Information	PWS Brochures	X			$65	M									X
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									X
56		Public Information	PWS Large Format Photographic Book	X			$100	M									X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									X
58		Public Information	PWS Video Programs	X			$100	M									X
59		Public Information	Science of the Sound- Education Program	X			$53	M			X	X	X	X	X	X	

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60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	X	X	X	X	X		X		
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M		X	X	X	X		X		
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M	X	X	X		X		X		
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									X
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									X
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									X
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M			X		X		X		
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									X
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									X
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									X
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									X

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82	**Intertidal**	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									X
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M		X		X		X		X	
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									X
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									X
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									X
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									X
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									X
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									X
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									X
92	**Killer Whale**	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M		X		X		X		X	
93		Monitoring	Recovery Monitoring	X			$125	M									X
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M			X	X	X				
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									X
96	**Marbled Murrelet**	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M	X	X							
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									X
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M		X	X						
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									X
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									X

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102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									X
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1				X					X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1			X						
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1			X						
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									X
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									X
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1	X								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1									X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1		X			X	X			
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1				X					
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1		X			X	X	X		

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128	**Multiple Resources**	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									X
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									X
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									X
131		Increase Natural Food Supply															X
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									X
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									X
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									X
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									X
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									X
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M			X						
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									X
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									X
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									X
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									X
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									X
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									X
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									X
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									X
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									X
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M			X		X		X		
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									X
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1									
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									X
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M		X		X		X		X	
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									X
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M		X							
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									X
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M									X
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									X
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M		X	X	X					

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158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M									X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M		X		X		X		X	
160		Reduce Disturbance by Field Presence															X
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M									X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M									X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M			X	X	X				
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									X
		Habitat Protection + Aquisition	Acquisition of Native-owned lands in East PWS currently slated for logging	X			25,000		X	X							
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M									X
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M			X						
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M									X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M									X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M									X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M									X
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M			X			X			
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M									X
174		Restoration Monitoring															
175		Temporary Predator Control															X

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176	**Pink Salmon**	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									X
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1									X
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1									X
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1									X
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1									X
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1									X
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M									X
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M									X
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M									X
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M									X
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									X
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									X
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M									X
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									X
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M									X
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M									X
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									X
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M									X
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									X
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M									X
197	**Recreation**	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									X
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1									X
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									X
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									X
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M		X	X	X					

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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									Y
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									Y
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									Y
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									Y
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									Y
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									Y
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									Y
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	(X)			$100	1		X							
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	(X)			$240	M		X	X						
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									X
220		Option Not Identified	Increased Access PWS	X			$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									X
226		Visitor Center	Cordova Environmental Education Center	(X)			$15	1				X					
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	(X)			$450	1				X					

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232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1									X
233		Visitor Center	Interpretation of PWS	X			$10	M									X
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									X
236		Visitor Center	Valdez Visitor Center	X			$850	1									X
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M									X
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M									X
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1									X
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M									X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M									X
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M									X
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M	X	X		X		X			
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M									X
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M									X
249		Restoration Monitoring															

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															X
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															X
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									X
263		Restoration Monitoring															X
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															Y
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									Y
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									Y

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268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									X
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									X
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									X
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M									X
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									X
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M									X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M									X
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									X
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M			X						

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			$150	M									X
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M									X
293		Public Information	Database Integration	X	X	X	$148	M		X	X						
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									X
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									X
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M			X	X	X				
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									X

→ Should be part of Oil Spill Recovery Institute / PWS Science Center, Cordova

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15.2.4 15B

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 "G" Street
Anchorage, AK 99501

May 19, 1993

To whom it may concern:

I have enclosed my checked-off copy of the Exxon Valdez Oil Spill Restoration Projects List. Please keep me informed throughout the process of developing the 1994 restoration program.

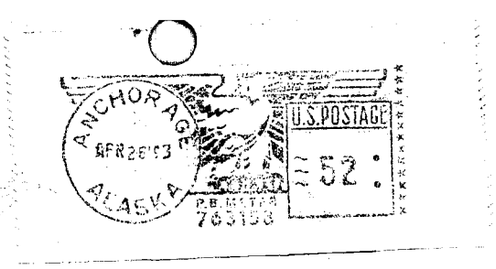
Sincerely,

David A. Brunetti

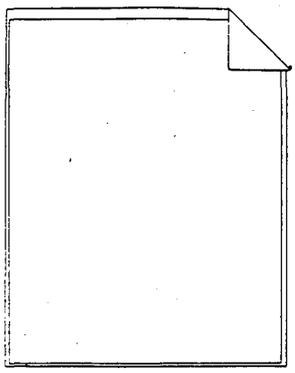
935 Sherman Farm Rd
POB 542
Harrisville RI 02830

168

T. Burrell
3716 Wesleyan
Anchorage, AK 99508



EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



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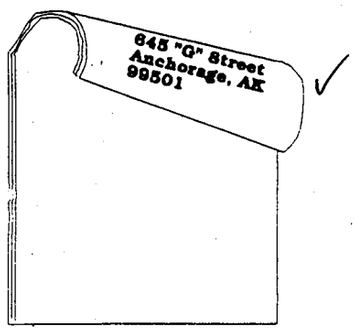

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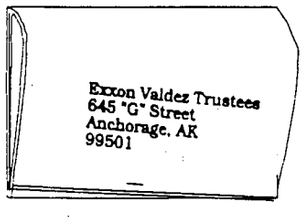

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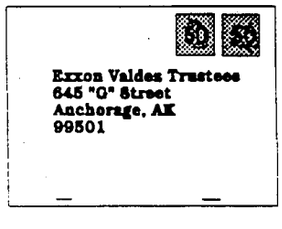

Attach Correct Postage

Name: T. Bussell
Phone: 333-2774

1994 POTENTIAL PROJECT TITLES

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1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum no	X	X	X	$41	M	no	NO							
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design no	X			$300	1	no	~~no~~							
3		Habitat Protection and Acquisition	Archaeological Site Acquisition no - no - no	X	X	X	$200	M	no	NO							
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency no	X	X	X	$525	M	no	NO							
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation 1 year only -	X	X	X	$400	M	yes	no	no	no	no				
6		Option Not Identified	Restoration of Chenega Village Site - no	X			$75	1	no								
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency NO -	X	X	X	$300	93 - M	no								
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS NOT important	X			$230	M	no								
9		Public Information	Heritage Information Replacement " "	X	X	X	$200	M	no								
10		Public Information	PWS Landmarks-Evaluation and Interpretation ? " "	X			$400	M	?	no							
11		Public Information	Public Education and Interpretation of Archaeological Resource " "	X	X	X	$400	M	no								
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M	yes	yes	yes						
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M	~~no~~ yes	no							
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency 2 years only	X	X	X	$210	M	yes	yes	no	no	no				
15		Site Stewardship Program	Archaeological Site Stewardship Program no -	X	X	X	$114	M	no	no	no						
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1	yes	yes	yes	~~~~	~~~~	~~~~	~~~~	~~~~	yes
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M	yes	yes	yes	no	no				
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M	yes	yes	yes	no	no				
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M	no	no							
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M	yes	yes	no						
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	no	no							

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22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M	yes	yes	yes						
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M	no								
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1	no								
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M	no	no							
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation —		X		$300	M	—	yes	yes	no					
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M	no								
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association —	X			$5,000	1	no								
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M	yes	yes	no						
31		Recovery Monitoring	Wild Fish Stock Information Assessment —	X	X	X	$50	M	yes	no	no						
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M	no								
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M	no								
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M	no								
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M	no								
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M	yes	yes	no						
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M	yes	yes	no						
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M	yes								
39		Recovery Monitoring	Common Murre Population Monitoring —? OUT	X	X	X	$191	M	no								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M	yes								
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies —? OUT				$460	M	yes	yes	yes						

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42	Common Murre	Restoration Monitoring						M	no	no		(see 36-37 & 40					
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M	no								
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M	no								
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$85	M	no								
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M	no								
47		Restoration Monitoring						M	no								
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1	? → what will this do?								
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M	yes	yes	yes						
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1	yes								
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model ?	X	X	X	$488	M	?								
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M	no								
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M	no								
54		Public Information	PWS Brochures	X			$65	M	no								
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M	no								
56		Public Information	PWS Large Format Photographic Book	X			$100	M	no								
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M	no								
58		Public Information	PWS Video Programs (Sell to Tourists, etc)	X			$100	M	yes	yes	yes						
59		Public Information	Science of the Sound- Education Program Sell to Schools	X			$53	M	yes	yes	yes						

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Name:_____

Phone:_____

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M	no								
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M	no	no	no						
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M	no								
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M	yes								
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M	yes,	no,	no,	yes,	no				
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M	no								
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M	maybe?								
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M	no								
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M	yes - maybe								
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M	no								
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M	no								
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M	no								
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X	—	M	no								
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M	no								
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M	no								
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M	yes								
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M	no								
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M	yes	yes	no						
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M	no								
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M	no								

alternate spaces yes

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Name: T. Bunnell
Phone: 333-2774

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M	no								
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M	yes	yes	yes	no	yes	no			
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M	no								
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M	no								
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M	no								
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M	yes	no	yes	no	yes	no			
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M	see above								
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M	no								
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M	no								
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M	no								
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M	yes								
93		Monitoring	Recovery Monitoring	X			$125	M	yes	no	yes	no					
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M	no	(see above)							
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X			?	M	?								
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M	no								
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M	no								
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M	no								
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M	yes	no	yes	no	yes				
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M	no								

* alternate years.

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Name: J. Bennett
Phone: 333-2774

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M									
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M	no								
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M	no								
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M	no								
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M	no								
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1	yes								
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M	no								
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M	no								
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M	no								
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1	no								
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	no								
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1	no								
114		Habitat Protection and Acquisition	Valdez Duck Flats ✓	X				1	yes								
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1	no								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1	no								
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1	no								
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1	no								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1	no								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1	— too expensive — total								
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1	no								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1	no								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1	no								
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1	no								
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1	no								
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1	— too expensive — total								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak (see above)			X	$112,500	1	no								

"some land" — "some land"

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
128	**Multiple Resources**	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1	yes								
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1	yes								
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1	yes								
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M	yes	no	no	yes	no				
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M	no								
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M	no								
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M	no								
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M	no								
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M	no								
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M	no								
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M	no								
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M	?	?	?						
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M	no								
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M	no								
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1	no								
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M	no								
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M	no								
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M	yes								
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M	—	?	depends on 1993 results						
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program depends on results of 1993 above results?		X		$800	M	—	?							
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1	no								
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M	no								
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M	no								
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M	yes								
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M	no								
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M	no								
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M	no								
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M	no								
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M	yes	yes	no	no	yes	no			

check results alternately.

* 1993 results whether to continue or not.

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Name: D. Bennett

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M	See			1-3-7					
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M	no								
160		Reduce Disturbance by Field Presence							—								
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M	no								
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M	no								
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M	no								
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M	no								
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M	no								
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M	no								
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M	no								
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M	no								
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M	no								
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M	no								
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey 1 year survey only.	X	X	X	$40	93 - M	no	no	no						
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M	no	no							
174		Restoration Monitoring															
175		Temporary Predator Control															

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Name: T. Bussell
Phone:

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M	no								
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1	no								
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1	no								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1	no								
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1	no								
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1	no								
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M									
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M	"								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M	no								
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M	"								
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M	"								
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M	no								
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M	"								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M	"								
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M	"								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M	"								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M									
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M	no								
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M	no								
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1	no								
199		Establish Marine Environmental Institute	Seward Sea Life Center — ☆☆☆	X	X	X	$40,000	☆ 1	yes								
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access ☆ + purchase?	X	X	X	$500	M	yes								
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	☆ M	yes	yes	yes		yes				

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Name: D. Burrell
Phone: _____

No.	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1	no								
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1	no								
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M	no								
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M	no								
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M	no								
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M	no								
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1	no								
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1	no								
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M	no								
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1	no								
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1	no								
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M	no								
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1	no								
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1	no								
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1	no								
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M	no								
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M	no								
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M	no								
220		Option Not Identified	Increased Access PWS	X			$100	M	yes								
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M	no								
222		Restoration Monitoring						—									
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M	no								
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1	no								
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M	no								
226		Visitor Center	Cordova Environmental Education Center	X			$15	1	yes								
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1	no								
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M	yes								
229		Visitor Center	Environmental Education Center in PWS	X			$90	1	no								
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1	no								
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1	no								

Road to Whittier yes
Road to Cordova yes

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
232	**Recreation**	Visitor Center	Information Center	X	X	X	$600	1	no								
233		Visitor Center	Interpretation of PWS	X			$10	M	no								
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1	yes								
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1	No								
236		Visitor Center	Valdez Visitor Center	X			$850	1	no								
237	**River Otter**	Monitoring	River Otter Recovery Monitoring	X			$180	M	yes	yes							
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M	yes								
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1	yes								
241	**Rockfish**	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M	no								
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M	no								
243		Monitoring															
244	**Sea Otter**	Cooporative Prgm-Subsistence Users	no!!														
245		Habitat Protection (Public Land) yes	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M	yes								
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M	no								
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M	no								
248		Monitoring	Sea Otter Population Dynamics (including chip monitoring distribution etc.) →	X	X	X	$291	93 - M	yes	yes		yes		yes			
249		Restoration Monitoring	* NO radio telemetry ** No collars use only chip implants (See Dr. Pam Tuomi) Anchorage. D.V.M.														

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	DO Not Fund
250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds					?	? ?	?	?							
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M	no								
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M	yes								
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M	no								
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M	no								
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M	no								
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M	no								
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M	no								
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M	no								
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M	no								
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M	no								
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1	yes								
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods							no								
265		Bivalve Shellfish Hatchery							no								
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M	no								
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1	no								

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268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1	no								
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1	no								
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M	no	no							
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M	no								
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M	no								
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery ✱		X		$2,500	1	yes	yes	yes						
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1	no								
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M	no,	NO,	NO,	NO					—
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M	no								
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M	no								
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M	yes	yes	yes						
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M	no								
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M	no								
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M	no								
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M	yes								
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M	no								
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M	no								
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M	no								
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M	no								
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	$450	M	yes,	no,	no,	no					
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M	no								

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Name: D. Burrell
Phone:

Please note: I am concerned that money will be spent on projects with little practicle value ie; Science for Science Sake or self perpetuating studies leading to no where. I also do not want to see Commercial fishing Pressure pushing out the studies of the larger mammals & fish & inter relationships. I support building the Seward Sea Life Facility to Bring in Much needed Tourist dollars & and also am supportive of land acquisition

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	no	no	no						
291		Administration	Toxicological Profile of PWS	X			$150	M	no								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	no								
293		Public Information	Database Integration	X	X	X	$148	M	no								
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	no								
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M	no								
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M	no								
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M	no								
298	Rescue		Turnagain arm cetacean Rescue Group (Beluga Stranding 1988 + 1991) med Training & sea rescue. Purchase of Equipment					1994	yes								

such as the Katchemak State Park Buy Back. & the Cordova Environmental Education Center I would not fund the Universities from this money, but rather support new smaller facilities (not U.a. Museum) in the damaged areas to enhance a needed economic base. I do not believe boat owners need campgrounds built for them. Public access identification and access is important. The Kodiac land acquisition seems too expensive & too large. It is important to consider Bear habitat & viewing.

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I ~~feels~~ believe archeology belongs with Museum money from the Federal Government or from the Native Corporations, themselves. Only Site Protection money should be spent for only a few years, because of oil clean up crews. We should not "acquire" artifacts in "Collusion" with this money. Thank you

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1994 POTENTIAL PROJECT TITLES

#	RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION PWS	KEN	KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	OUT-YEARS
1	**Archaeology**	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			$1,200	1									
17	**Bald Eagle**	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	$262	M	✓								
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	$10	M		✓							
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	$200	M		✓							
20	**Black Oystercatcher**	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	$108	93 - M	✓	✓							
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			$125	M	✓								

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Not Funded
22	**Black Oystercatcher**	Restoration Monitoring															
23	**Commercial Fishing**	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	$191	M									
36	**Common Murre**	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	X	$191	M									
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				$460	M									

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42	Common Murre	Restoration Monitoring						M	✓								
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			$200	M	✓								
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			$285	M	✓								
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			$950	M									
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	$600	1	✓								
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			$200	M	✓								
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	$100	1	✓								
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	$90	M									
54		Public Information	PWS Brochures	X			$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			$150	M									
56		Public Information	PWS Large Format Photographic Book	X			$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			$70	M									
58		Public Information	PWS Video Programs	X			$100	M									
59		Public Information	Science of the Sound- Education Program	X			$53	M									

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60	**Harbor Seal**	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			$39	M									
62		Option Not Identified	Subsistence Harvest Assistance	X			$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			$165	93 - M									
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	$230	M									
65	**Harlequin Duck**	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	$53	M									
68	**Intertidal**	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	$186	M									

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82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	$195	M									
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			$495	93 - M									
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			$120	93 - M									
93		Monitoring	Recovery Monitoring	X			$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	$200	M									

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102	**Marbled Murrelet**	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	$250	M	✓								
103	**Multiple Resources**	Habitat Protection	Habitat Modelling	X	X	X	$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	$112,500	1									

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128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	$20,000	1									
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	$4,000	1									
130		Habitat Protection and Acquisition	Kodiak Bear-Refuge Stream Mouth Inholdings Acquisition			X	$1,000	1									
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	$50	M									
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	$408	M									
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			$200	M									
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			$40	M									
136		Intensify Management	Seabird Colony Restoration	X	X	X	$250	M									
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			$250	M									
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	$388	M									
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	$416	M									
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	X	one billion	M									
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	$280	M									
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	$7	M									
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	$650	1									
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	$48	M									
145		Option Not Identified	Shoreline Assessment	X	X	X	$250	93 - M									
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	$28	M									
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	$500	93 - M									
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		$800	M									
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	$2,300	1									
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	$850	M									
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	$500	M									
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		$600	M									
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			$80	M									
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	$150	M									
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	$100	M									
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	$200	M									
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			$35	M									

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158	**Multiple Resources**	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			$91	M	✓		✓						
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	$275	93 - M	✓								
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	$316	M			✓						
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	$50	M			✓						
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	$6,000	M									
165	**Pacific Herring**	Intensify Management	Genetic Stock Identification for Herring in PWS	X			$205	M	✓								
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			$400	M	✓								
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			$112	M	✓								
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			$189	M	✓								
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			$60	M	✓								
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	$120	M	✓								
171		Restoration Monitoring															
172	**Pigeon Guillemot**	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	$40	93 - M	✓								
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	$180	M	✓								
174		Restoration Monitoring															
175		Temporary Predator Control															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	Do Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	$25	M									
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	$28	1	✓								
178		Fish Passes and Access	Otter Creek Fish Pass	X			$130	1	✓								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	$11	1	✓								
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			$60	1	✓								
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	$55	1	✓								
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	$727	M	✓								
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			$495	M	✓								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			$855	M			✓	✓					
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			$500	M			✓	✓					
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			$253	M	✓								
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	$152	M									
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			$150	M	✓								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			$66	M		✓							
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		$686	M			✓						
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		$899	M	✓								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			$141	M									
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			$385	93 - M	✓								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			$50	M	✓								
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	$300	M	✓								
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	$1,250	M									
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	$6,000	1	✓								
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	$40,000	1									
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	$500	M									

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Let's concentrate on restoration and monitoring. If it is perceived that money will be left over from this, then we can spend it on these Recreation projects. Let's keep our priorities in proper perspective. Wildlife and habitat first.

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION / SUBOPTION	POTENTIAL PROJECTS	REGION PWS	REGION KEN	REGION KOD	EST. COST/YR $K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	96: Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	$65	M									
220		Option Not Identified	Increased Access PWS	X			$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			$450	1									

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232	Recreation	Visitor Center	Information Center	X	X	X	$600	1									✓
233		Visitor Center	Interpretation of PWS	X			$10	M									✓
234		Visitor Center	Maritime Wing Valdez Museum	X			$150	1									✓
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			$150	1									✓
236		Visitor Center	Valdez Visitor Center	X			$850	1									✓
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			$180	M	✓	✓							
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			$40	M	✓	✓							
239		Restoration Monitoring							✓	✓	✓						
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	$99	1	✓	✓							
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		$175	M	✓	✓	✓						
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			$117	M	✓	✓	✓						
243		Monitoring															
244	Sea Otter	Cooporative Prgm-Subsistence Users							✓	✓	✓						
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	$83	M	✓	✓	✓	✓					
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	$337	M	✓	✓	✓	✓					
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	$450	M	✓	✓	✓	✓					
248		Monitoring	Sea Otter Population Dynamics	X	X	X	$291	93 - M	✓	✓							
249		Restoration Monitoring							✓	✓							

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250	**Sea Otter**	Study: Eliminate Oil from Mussel Beds															
251	**Sockeye Salmon**	Fish Passes and Access	Solf Lake Fish Pass	X			$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	$72	M									
261	**Sport Fishing**	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		$4,200	1									
263		Restoration Monitoring															
264	**Subsistence**	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	$300	1									

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268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1	✓	✓							
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M	✓	✓							
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M	✓	✓							
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M	✓	✓							
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1		✓	✓						
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1		✓	✓						
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M	✓								
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M		✓	✓						
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M		✓	✓						
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M	✓								
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M		✓	✓						
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M		✓	✓						
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M		✓	✓						
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M		✓	✓						
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M	✓								
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M		✓	✓						
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M		✓	✓						
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M		✓	✓						
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records ?	X	X	X	$450	M									✓
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M	✓								

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	✓								
291		Administration	Toxicological Profile of PWS	X			$150	M	✓								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	✓								
293		Public Information	Database Integration	X	X	X	$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	$589	M									
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	$300	M									
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	$308	93 - M									
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		$110	M									
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			$90	M									
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	$275	M									
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			$265	93 - M									
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	$390	M									
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	$90	M									
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records ?	X	X	X	$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			$75	M									

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	$105	93 - M	✓								
291		Administration	Toxicological Profile of PWS	X			$150	M	✓								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	$8	M	✓								
293		Public Information	Database Integration	X	X	X	$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	$72	M									

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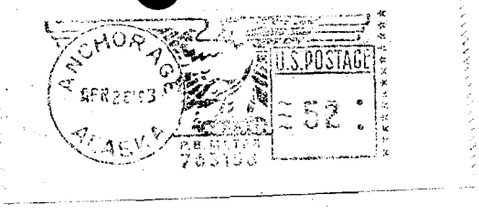
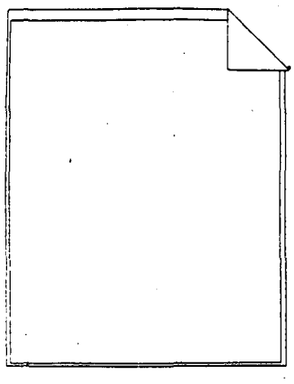
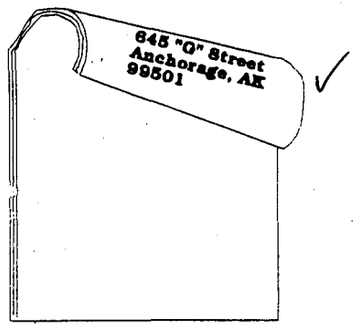
T. Burrell
3716 Wesleyan
Anchorage, AK 99508



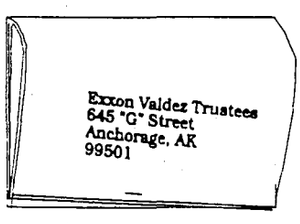
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501



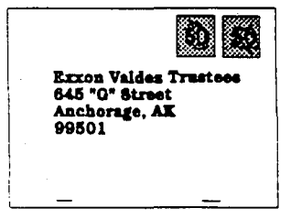
Please Stack Your Comment Sheets On Top Of This Page....



Fold This Page Over Your Comment Sheets....



Then Staple or Tape Sheets Together....



Attach Correct Postage

15.2.4 17B

B BUSINESS AND
P PROFESSIONAL
W WOMEN'S CLUB OF SEWARD

P.O. BOX 2268
SEWARD, ALASKA
99664

May 9, 1993

Paul Gates
Special Assistant to the Secretary
Office ofthe Secretary
Department of the Interior
645 G Street
Anchorage, AK 99501

SUBJECT: ACQUISITION OF SELECTED LANDS WITHIN THE KENAI FJORDS NATIONAL PARK.

The Business and Professional Women of Seward would like to express their support of the use of restitution funds for purchasing of selected lands within the Kenai Fjords National Park.

We find the Kenai Fjords National Park a great enhancement to the Seward area and would like to see all of it's lands protected. The park provides an attraction to tourist and travelers which benefits many of our retail, accommodations and service businesses. The beauty of it's pristine wilderness adds to the joy of living in the Seward area.

With respect we ask you to protect the park by purchasing the selected lands.

Sincerely,

THE BUSINESS AND PROFESSIONAL WOMEN OF SEWARD

Nancy Orth

NANCY ORTH
PRESIDENT

15.2.4 18 B

B BUSINESS AND
P PROFESSIONAL
W WOMEN'S CLUB OF SEWARD

P.O. BOX 2268
SEWARD, ALASKA
99664

May 9, 1993

Steve Pennoyer
Director
Alaska Region
National Marine Fisheries Services
645 G Street
Anchorage, AK 99501

SUBJECT: ACQUISITION OF SELECTED LANDS WITHIN THE KENAI FJORDS NATIONAL PARK.

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Sincerely,

THE BUSINESS AND PROFESSIONAL WOMEN OF SEWARD

Nancy Orth

NANCY ORTH
PRESIDENT

15.2.4 19B

B BUSINESS AND
P PROFESSIONAL
W WOMEN'S CLUB OF SEWARD

P.O. BOX 2268
SEWARD, ALASKA
99664

0099940517

May 9, 1993

Michael A Barton
Regional Forester
Alaska Region
U.S. Department of Agriculture
645 G Street
Anchorage, AK 99501

SUBJECT: ACQUISITION OF SELECTED LANDS WITHIN THE KENAI FJORDS NATIONAL PARK.

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Nancy Orth

NANCY ORTH
PRESIDENT