

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

OFFICE OF THE COMMISSIONER

WALTER J. HICKEL, GOVERNOR

P.O. BOX 3-2000
JUNEAU, ALASKA 99802-2000
PHONE: (907) 465-4100

RECEIVED November 6, 1992

Prince William Sound Salmon Harvest Task Force

Dear Task Force Members:

The Salmon Harvest Task Force (SHTF) has provided constructive input for management of the salmon resource in Prince William Sound since 1989. While Task Force members have not always agreed on the best approach to solve a particular problem, the meetings each winter have promoted the sharing of ideas and have always produced a consensus on how to proceed the following year. The process has been productive and educational for fishermen, processors and Department staff alike.

During the winter and spring of 1991-92 there was again a series of meetings, primarily to prevent a recurrence of unutilized salmon and promote a higher quality in the catch. By June draft recommendations were agreed upon by most members. However, several seine organizations were not satisfied with the recommendations, specifically the time and area of the proposed openings. At the request of several of the Task Force members and staff, I met in Cordova with the seine organizations, processors and area staff. After the discussions and exchange of ideas at that meeting, changes to the plan were made and a new set of seine recommendations with enlarged time and area openings were implemented. The Department accepted this revised plan in the spirit of gaining new knowledge and exploring new strategies to improve the economic yield of the return.

The SHTF recommendation of two seine openings per week at the entrance to the Sound was implemented through the first half of the PWSAC return, despite indications of major shortfalls in wild stock escapements. By mid August the SHTF strategy had to be abandoned and the fleet was confined to hatchery terminal harvest areas due to the exceptionally weak wild stock escapement and the weak hatchery return.

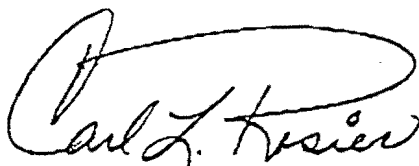
The wild stock escapement for 1992 was approximately half of the pre-season goal and ranks as one of the lowest for even year returns dating back to the early 1960's. Escapements were low in all areas of the Sound and will require a conservative rebuilding program in 1994. Coded wire tag recoveries demonstrate that approximately 1 million wild fish were taken in the commercial fishery that might otherwise have contributed to achievement of the escapement goal.

The task force process in Prince William Sound has been an effective way for the fishermen and industry to have a greater voice in the management of the salmon returns. I have given this group my endorsement and the Department has taken the groups recommendations very seriously. The exceptionally low wild stock escapements that resulted in the 1992 season were a disappointment to us all. I have committed the Department to taking some limited risks to find better ways to manage the Prince William Sound salmon resource, however, we will not take these risks alone. We share these risks with the other members of the SHTF and we also share the responsibility to ensure the future health of the wild stocks.

I expect the SHTF to critically reflect upon the results of the 1992 season, when developing recommendations for 1993. If the SHTF recommendations are to have weight in the coming season, they will need to place a high importance on the wild stocks of the Sound. As you know, wild stock salmon resources have the highest priority in the Department's management program. A healthy wild stock resource is the backbone of the Prince William Sound fishery and will benefit management of all salmon returns.

My staff and I look forward to working with you in planning for the 1993 commercial salmon season.

sincerely,

A handwritten signature in cursive script, reading "Carl L. Rosier". The signature is written in dark ink and is positioned above the printed name and title.

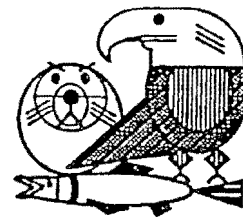
Carl L. Rosier
Commissioner

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



TO: Trustee Council

May 11, 1993

FROM: Dave Gibbons

Interim Administrative Director

A handwritten signature in black ink, appearing to read 'Dave R. Gibbons'.

SUBJECT: Status of Negotiations With Eyak Corporation

Enclosed is a copy of a signed memorandum of understanding between the Forest Service and Eyak Corporation concerning cooperation on developing habitat protection strategies for lands around Power Creek and Eyak Lake. The Habitat Protection Work Group has started a detailed evaluation of the parcels outlined in the MOU and, working with the Forest Service, will be able to make a presentation to the Trustee Council at the June 1, 1993 meeting.

MEMORANDUM OF UNDERSTANDING
between
THE EYAK CORPORATION and
SHERSTONE, INC. and the
U.S. FOREST SERVICE

This **MEMORANDUM OF UNDERSTANDING (MOU)** between **THE EYAK CORPORATION (EYAK)**, **SHERSTONE, INC. (SHERSTONE)** and the **U.S. FOREST SERVICE (USFS)** is made this 3RD day of May, 1993.

WHEREAS, the Exxon Valdez Oil Spill (EVOS) Trustee Council has identified the need to take habitat protection actions within the EVOS area, and;

WHEREAS, the **USFS** has been designated as the lead agency to represent the EVOS Trustee Council's Habitat Protection Working Group on these certain habitat protection activities, and;

WHEREAS, **EYAK** owns the surface estate of lands identified as critical habitat needing protection measures within the EVOS area, and;

WHEREAS, **SHERSTONE** owns certain timber harvesting rights associated with portions of the **EYAK** lands that are eminently threatened, and;

WHEREAS, **EYAK** and **SHERSTONE** wish to cooperate with the EVOS Trustee Council and the **USFS** on efforts to address the habitat protection needs on private lands in the vicinity of Cordova, Alaska.

NOW THEREFORE, **EYAK**, **SHERSTONE**, and the **USFS** (hereinafter referred to as the "**Parties**"), collectively agree to the following:

1. Immediately initiate efforts to assess short and long term habitat protection needs associated with the **EYAK** lands described in **Exhibit A** to this **MOU**.
2. Permitted access to **EYAK** and **SHERSTONE** lands will be provided to EVOS Trustee Council representatives, upon written request, in order to assess habitat protection needs.
3. Cooperate on efforts to develop protection strategies that will adequately address habitat protection needs identified by the **Parties**. Protection strategies to be considered may include, at a minimum, short term cooperative agreements, long term conservation easements and option agreements for the purchase of long term conservation easements.

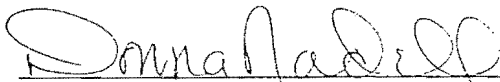
MEMORANDUM OF UNDERSTANDING
EYAK, SHERSTONE, USFS

PAGE 2

4. Explore and discuss the methodology of appraisal for the fair market value of **EYAK** and **SHERSTONE** property rights according to the uniform Appraisal Standards for Federal Land Acquisitions, Interagency Land Acquisition Conference 1992.
5. Complete a joint presentation to the Habitat Protection Working Group by no later than June 1, 1993. The presentation may recommend habitat protection that is agreeable to all parties of this **MOU**. It is understood that the presentation may not include specific costs associated with the strategies, but will describe the process that will be used in determining costs, and;
6. In consideration for agreeing on the contents of this **MOU**, **EYAK** and **SHERSTONE** agree to not commence logging operations on those lands described in **Exhibit B**. This harvest moratorium shall terminate on June 2, 1993, unless the parties agree otherwise in writing.

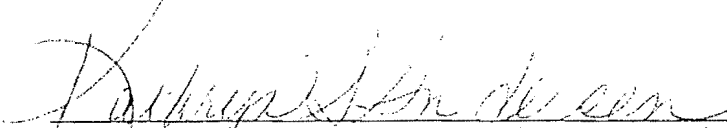
DATED this 3rd day of May, 1993.

SHERSTONE, INC.



DONNA NADELL, President
Sherstone, Inc.

THE EYAK CORPORATION



KATHRYN S. ANDERSEN, Project Coordinator
The Eyak Corporation

U.S. FOREST SERVICE



BRUCE VANZEE, Forest Supervisor
Chugach National Forest

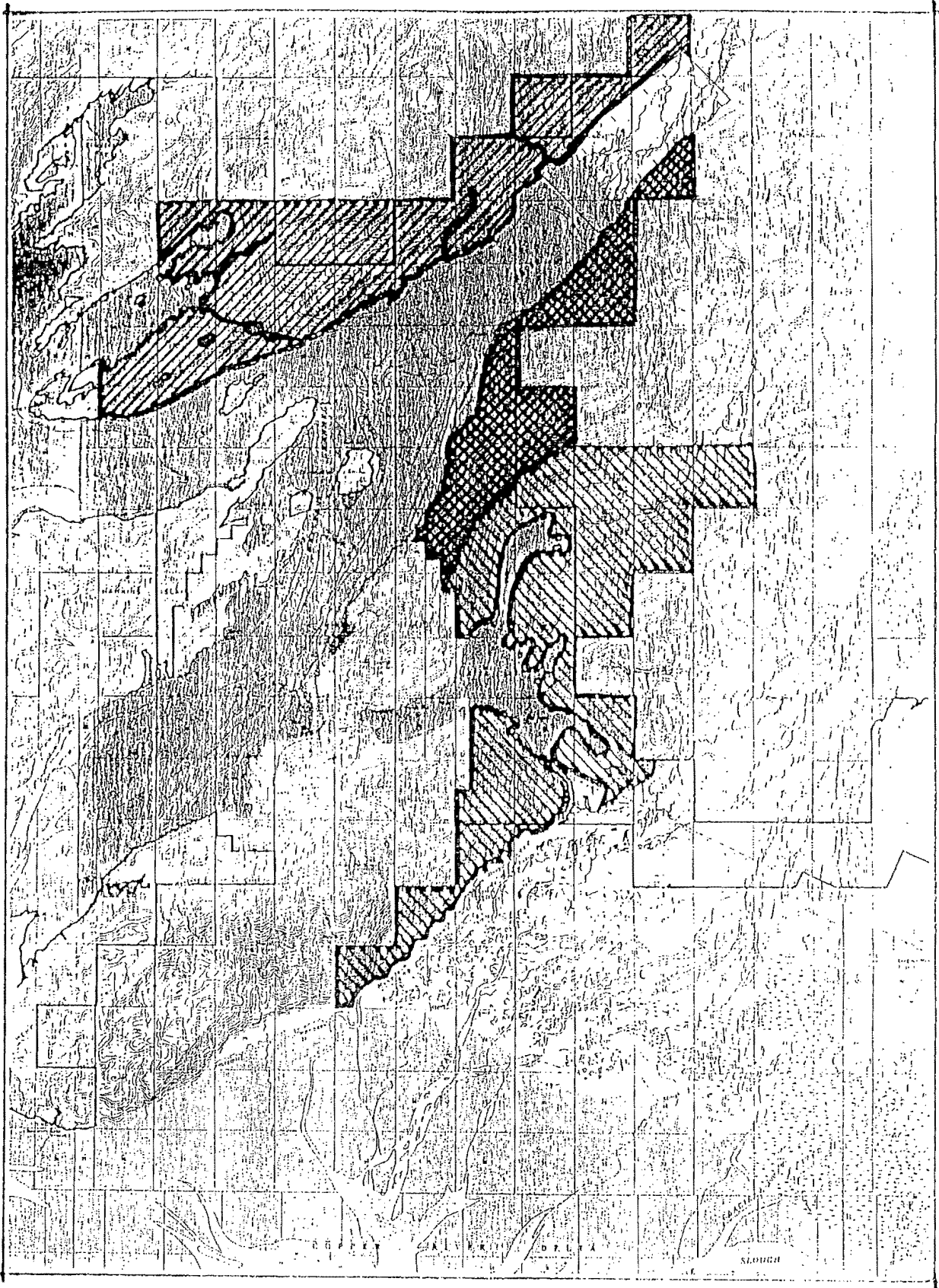


EXHIBIT A

DRAFT

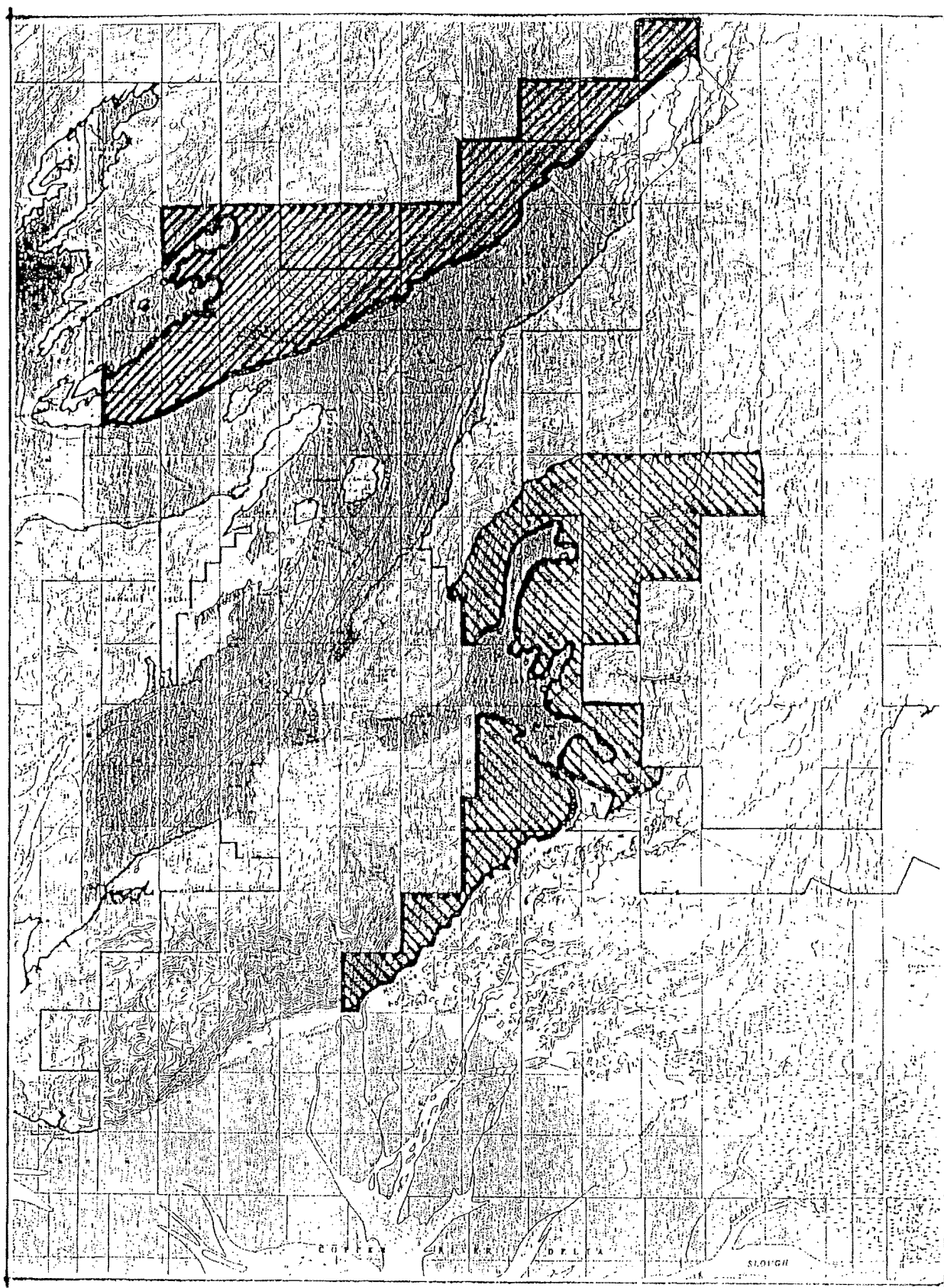


EXHIBIT B

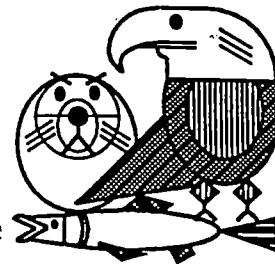
DRAFT

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



MEMORANDUM

To: Pacific Rim Village Coalition

From: Dave R. Gibbons *[Signature]*
Interim Administrative Director

Date: May 4, 1993

Subj: 1993 Work Plan Project Requiring Vessel Charter

Enclosed is a list of projects by Trustee Agency requiring vessel charters in 1993. As discussed at the March 10, 1993 Trustee Council Meeting, when all the detailed project study plans have been prepared and approved and at your request, I would like to meet with you to discuss and review vessel charter costs and schedule.

If you have any questions, please call.

cc: Trustee Council
Restoration Team

Trustee Agencies

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

1993 PROJECTS WHICH REQUIRE BOAT CHARTERS

ADEC

93038 Shoreline Assessment

ADF&G

93003 Pink Salmon Egg to Pre-emergent Fry Survival in PWS
93012 Genetic Stocks Identification of Kenai River Sockeye Salmon
93015 Kenai River Sockeye Salmon Restoration
93024 Restoration of Coghill Lake Sockeye Salmon Stock
93033 Harlequin Ducks Restoration and Monitoring Study
93039 Herring Bay Experimental and Monitoring Studies
93046 Habitat Use, Behavior and Monitoring of Harbor Seals in PWS, Alaska
93047 Subtidal Monitoring: Recovery of Sediments, Hydrocarbon Degrading
Microorganisms, Eelgrass Communities and Fish in Shallow Subtidal
Environment

ADNR

93006 Site-Specific Archeological Restoration

NOAA

93036 Mussel Beds
93042 Killer Whales
93046 Subtidal Fish
93047 Subtidal Sediments

DOI

93006 Site-Specific Archeological Restoration
93022/
93049 Murre Colony Monitoring
93034 Pigeon Guillemot Colony Monitoring
93036 Oiled Mussels
93045 Marine Bird/Sea Otter Surveys
93051 Marbled Murrelet Surveys

USDA

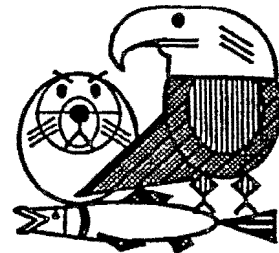
93051 Habitat Protection Information for Anadromous Streams and Marbled Murrelets

Exxon Valdez Oil Spill Trustee Council

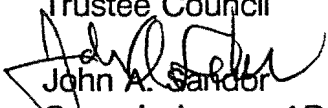
Restoration Office

645 "G" Street, Anchorage, AK 99501

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



May 12, 1993

To: Trustee Council
From: 
John A. Sandoz
Commissioner - ADEC

Subject: Shoreline Assessment Project (93038) Update

This is an interim status report on the 1993 Shoreline Assessment Project (93038). The 3 page description in the 1993 Draft Work Plan is the guiding document to develop the detailed project description.

It is very important that the Shoreline Assessment Project be done so that the results will be accepted by all of the Agencies and the public. To maintain the credibility of the Shoreline Assessment Project, the project will continue the process employed in the three previous years. Accordingly, I propose that the Coast Guard and the Department of Environmental Conservation again jointly coordinate the Shoreline Assessment Project. The Coast Guard and the Department of Environmental Conservation will attempt to continue using personnel involved in the response since the early days of the spill.

When the 3 page description was written for the 1993 Draft Work Plan, no funds were included in the project to cover Coast Guard participation since it was not clear whether they would be able to take part in the assessment. Since their participation is now planned, I propose we authorize \$15,000 to cover their expenses. I would leave it to staff to determine the mechanism to pass them the money. A detailed budget would be developed for their money as part of the detailed project description. They have agreed to return whatever funds are not used.

We still need to mesh Trustee Agency personnel with the disciplines that are necessary to carry out the project as in previous years. We will start that coordination as soon as possible. We also need to coordinate with the upland landowners and affected communities which will be started as soon as we have an approved detailed project description.

Lastly, I suggest we invite Exxon to participate in the assessment. It is important to have all points of view represented.

Trustee Agencies

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

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

EXXON VALDEZ OIL SPILL PROJECT DESCRIPTION

Project Number: 93038

Project Title: Shoreline Assessment

Project Category: Restoration Monitoring

Project Type: Coastal Habitat

Lead Agency: Alaska Department of Environmental Conservation

Cooperating Agencies: Trustee Agencies

Project Term: January 1, 1993 to September 30, 1993

INTRODUCTION

Shorelines treated during spill response activities need to be monitored to ensure recovery is proceeding at an acceptable rate and that winter storms have not brought subsurface oil to the surface. Shorelines treated in 1992 and other potentially oiled sites need to be evaluated to determine if the shorelines responded to treatment, or if additional treatment is required to restore resources and services. Technical experts with *Exxon Valdez* spill experience from the state and federal agencies along with the local communities will evaluate impacted shorelines for the presence of *Exxon Valdez* hydrocarbons. The evaluation will document the amount of remaining hydrocarbons and determine if the remaining oil impacts shoreline activities.

This project is divided into two phases. Phase 1 is the physical survey of selected shorelines. This project will use the assessment procedures developed and refined during the *Exxon Valdez* spill clean up. Agency surveyors and upland landowners will evaluate shorelines and determine if additional activities would be of net benefit to restore resources and services. Phase 2 is the restoration of land and resource uses, if necessary. Light duty restoration activities would be performed during and after the survey by the surveyors where feasible. Larger scale treatment work, if necessary, would be identified on work orders and restoration crews from Chenega, Port Graham or other areas would be hired to perform the identified work.

This project will assess *Exxon Valdez* impacted shorelines in Prince William Sound and the Gulf of Alaska. The principal areas are Knight, Latouche, Evans, Elrington, Green, and Disk Islands in Prince William Sound and Tonsina Bay, Windy Bay, and Chugach Bay in the Gulf of Alaska. These areas are in proximity to Chenega Village, Whittier, Port Graham, Seward and Homer.

WHAT

The overall purpose of the project is to ensure that shorelines have recovered sufficiently to facilitate normal shoreline activities. The project objectives are to assess the shoreline hydrocarbon concentrations and, where appropriate, to carry out necessary treatment either during the survey or following the survey using local work crews to perform the identified work.

The shoreline assessment will utilize the process developed and refined since the 1989 spill:

1. Survey shorelines for the presence of *Exxon Valdez* hydrocarbons.
2. Determine if resource uses are affected by hydrocarbons.
3. Perform light duty manual treatment to restore resource use if necessary and feasible.
4. Write work orders for local crews to treat the shoreline if necessary.
5. Document field activities.

WHY

This project will assess shorelines and determine if resources and services are still impacted and the need for additional treatment, if any. The public, land owners, and resource managers need to have current and accurate field information for operation and management. If resources are impacted and need to be restored, technical experts need to survey the sites and determine the best course of action to correct the problem and not cause further damage. Impacts on resources will be corrected and resource use will be restored. Public complaints about the presence of hydrocarbons can be assessed and addressed through the framework of this project.

Information collected by this project will assist Trustee Council review of other projects submitted for funding. This project will provide current, accurate information about shoreline conditions that will help with funding decisions for other activities. Accurate field information will be used by Restoration Team members to identify areas with persistent hydrocarbon concentrations that may slow restoration activities.

HOW

The Alaska Department of Environmental Conservation, in conjunction with the other Trustee Agencies and in consultation with the U. S. Coast Guard, will review the 1992 shoreline survey information and produce a list of subdivisions to be surveyed in 1993. This list will then be circulated to subsistence users by Project 93017 (Subsistence) and to land owners and resource managers to identify additional sites to be included on the 1993 survey. Agency personnel will review the proposed survey list and ensure that oiling conditions at each segment warrant an assessment. The survey list will be prioritized based on resources affected and projected oil concentrations. For planning purposes, we have assumed that 80 sites or less will be recommended for survey. After a final list is developed, the survey list will be sent to land and resource agencies for their approval and clearance to assess the sites.

Phase 1 is the physical survey of the shorelines. Agency technical experts and the upland owners will assess the shoreline segments and document oiling conditions. The survey team will be berthed on a vessel and use skiffs to access the shoreline. Float planes will provide logistics support. Previous *Exxon Valdez* surveys have used these logistics as the most cost effective and time efficient support structure. Agency representatives will be chosen for their environmental and habitat experience. Each person will have extensive *Exxon Valdez* spill experience. Surveys will be conducted daily during both low tide windows with appropriate weather and light conditions. Field information will be recorded on forms previously generated during *Exxon Valdez* surveys to facilitate comparison and familiarity of the existing databases.

Project Descriptions

Phase 2 is the restoration of resources and services, if necessary. Agency personnel with input from the landowner will determine if treatment is necessary based on established State and Federal standards. Such a determination would include consideration of the resources impacted by the oil, the area and concentration of remaining oil, the cost effectiveness and technical feasibility to treat the oil, the services such as subsistence provided by the shoreline segment, and a reasonable expectation that the treatment will not cause more damage than allowing the oil to remain in place. Such a determination would be made by the Agencies in consultation with the Chief Scientist. The State On-Scene Coordinator will resolve disagreements between Agencies. Any light duty restoration work that is determined to be necessary would be completed during and after the survey by the surveyors which have proven to be the most cost effective method of treatment. Additional restoration treatment would be identified with work orders and the treatment will be performed using local work crews. Necessary treatment would usually consist of hand labor using shovels, rakes, and bags. A determination of appropriate restoration activities, if any, to be done in oiled mussel beds would be based upon results from the 1992 mussel bed study (R-103), the 1993 spring survey of project 93036 (Monitoring of Oiled Mussel Beds), and other completed and ongoing damage assessment and restoration studies. Any treatment work done in oiled mussel beds will be conducted in conjunction with Project 93036 to ensure appropriate treatment methods are used and to monitor the effectiveness of treatment.

The need for shoreline treatment work, if any, in 1993 cannot be determined until the 1993 shoreline assessment is completed and the results of several damage assessment and restoration studies become available this winter and next spring. Because of the necessity of preplanning logistics support, we will assume limited treatment work will be necessary. If treatment is found not to be necessary, the logistics support will not be used, and the money will be returned to the Trustee Council for use in other restoration activities. If treatment is found to be necessary at a level greater than initially authorized, we will request additional funds from the Trustee Council to expand the effort.

Surveyors and work crews will be required to attend Hazwoper training.

Wastes generated during restoration activities will require treatment at approved facilities.

ENVIRONMENTAL COMPLIANCE

As in prior years, permits and notifications will be required by several permitting agencies. All permits will be obtained prior to commencement of field work.

WHEN

The duration of this project will be determined by yearly surveys of contaminated sites. The project will be recommended for termination as soon as conditions warrant. Funds expended in 1993 will be proportional to the amount of restoration work necessary. Unexpended funds will be returned for use on other projects in later years. If work is necessary in future years, milestones would be similar for each year. Costs would vary in future years due to the size of the survey and type of restoration activities.

January 15 - February 15, 1993	Solicit input from landowners and resource agencies on sites to be surveyed.
March 1, 1993	Produce final list of survey sites for Trustees.
March 7, 1993	Submit request for bids for vessel and float plane.
March 30, 1993	Receive approvals from land and resource agencies to access shoreline for survey and restoration activities.
April 15, 1993	Secure contracts for vessel and float plane.
May 15, 1993	Surveyors, landowner representatives, and work crews receive Hazwoper training.
June 1 - July 15, 1993	Perform survey.
August 15, 1993	Complete restoration activities, if any.
September 30, 1993	Complete report and documentation.

BUDGET (\$K)

	ADEC	ADF&G	ADNR	USFS	USDOJ	NOAA	TOTAL
Personnel	\$ 147.1	\$ 10.0	\$ 10.0	\$ 10.0	\$ 10.0	\$ 10.0	\$ 197.1
Travel	6.0	0.0	0.0	0.0	0.0	0.0	6.0
Contractual	252.1	0.0	0.0	0.0	0.0	0.0	252.1
Commodities	16.5	0.0	0.0	0.0	0.0	0.0	16.5
Equipment	5.0	0.0	0.0	0.0	0.0	0.0	5.0
Capital Outlay	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Sub-total	\$ 426.7	\$ 10.0	\$ 10.0	\$ 10.0	\$ 10.0	10.0	\$ 478.7
General Administration	<u>36.5</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>	<u>44.0</u>
Project Total	\$ 463.2	\$ 11.5	\$ 11.5	\$ 11.5	\$ 11.5	\$ 11.5	\$ 520.7

RESTORATION IMPLEMENTATION PROJECTS

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RESTORATION IMPLEMENTATION PROJECTS

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RESTORATION IMPLEMENTATION PROJECTS

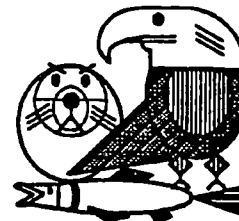
INJURED RESOURCE/SERVICE	RESTORATION OPTION/SUBOPTION	POTENTIAL PROJECT	EST. COST/YR	DURATION	1994	1995	1996	1997	1998	1999	2000	2001
2. RECREATION	DEVELOP COMPREHENSIVE OIL SPILL RECREATION PLAN	Develop PWS Area Recreation Plan	400.0	1	✓							
		Develop Gulf of Alaska Recreation Plan	400.0	1		✓						
	NEW BACKCOUNTRY RECREATION FACILITIES											
		Establish Campsites and Install Tent Platforms	150.0	6		✓	✓	✓	✓	✓	✓	
		Construct Boat Ramps and Docks	185.0	6		✓	✓	✓	✓	✓	✓	
		Construct Day-Use Facilities (Picnic Areas, Out- Houses	220.0	5		✓	✓	✓	✓	✓		
		Improve Existing Trails	75.0	5		✓	✓	✓	✓	✓		
		Develop New Trails	100.0	5		✓	✓	✓	✓	✓		
		Construct Public-Use Cabins, Outhouses	200.0	8		✓	✓	✓	✓	✓	✓	✓
		Maintenance of New Facilities	30.0	8		✓	✓	✓	✓	✓	✓	✓
						✓						
	PLAN AND MARKET PUBLIC LAND FOR COMMERCIAL RECREATION FACILITIES		275.0	1			✓					
	PROMOTE PUBLIC INFORMATION	Construct New Public Information Facilities	1000.0	4	✓	✓	✓	✓				
		Create Displays and Information	100.0	3		✓	✓	✓				

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



TO: Trustee Council

May 4, 1993

FROM:

Dave Gibbons *dg*
Interim Administrative Director

SUBJECT:

Habitat Identification and Land Acquisition Coordinating and Approval Process

Enclosed is a table outlining the roles and coordinating responsibilities of the Habitat Protection Work Group and negotiators working with landowners on habitat protection. The steps presented in the table are intended to reflect the general steps that would be followed and incorporate the Trustee Council amendments to the Negotiation Procedures reviewed at the March 29, 1993 meeting. Steps that involve presenting recommendations to the Trustee Council or implementing their instructions are highlighted.

The following chart was developed to clarify the roles, responsibilities and coordination responsibilities of the different groups working on implementing the habitat protection option. It outlines the general steps that would need to be followed to successfully complete negotiations with landowners. It is not intended to display every step necessary to complete negotiations. A checklist of negotiation steps is often used by agencies and can be made available for this process.

This is not intended to be a linear process although some of the steps must be completed before others commence. It is entirely possible that several steps may need to be repeated several times. For example, step three could go through several iterations as the landowner and negotiator discuss different parcel boundaries, configurations and protection options. Each iteration would need to be reviewed by the Habitat Protection Work Group. Elements involving the Trustee Council are shaded.

HABITAT IDENTIFICATION AND LAND ACQUISITION COORDINATING AND APPROVAL PROCESS

	Habitat Protection Work Group Responsibilities	Negotiator Responsibilities
1.	Identify, evaluate and rank parcels. Clearly identify restoration objectives for each tract. Present results to TC for authorization to proceed and assignment of lead agency. Discuss evaluation and restoration objectives with negotiators.	Meet with landowners and begin discussions where TC authorized negotiations to begin. Discuss process, options and seek permission to access land. Obtain written statement of preliminary willingness to sell at fair market value.
2.	Coordinate with RT/TC during negotiations to ensure restoration objectives will be met.	Negotiate tract size, configuration and protection options to meet restoration objectives. Discuss progress with HPWG.

	Habitat Protection Work Group Responsibilities	Negotiator Responsibilities
3.	Review proposed tract size, configuration and protection options to see if proposal will meet objectives. Meet with negotiators and discuss alternative configurations as necessary. Provide further evaluation if necessary and provide guidance to negotiators on meeting restoration objectives.	Present to landowner alternative tract sizes, protection options, and configurations as discussed with HPWG. Report to HPWG on progress.
4.	Evaluate acquisition options (easements, fee title, moratoriums etc.) discussed with landowners which could be used to achieve restoration and protection objectives.	Begin acquiring needed data for appraisal contract and acquire preliminary title evidence. Physically check property to assure appropriateness of parcel boundary etc. Conduct level I hazardous materials survey. Report to HPWG on progress.
5.	Evaluate appropriateness of alternative funding and protection mechanisms.	
6.	Report to TC on status of evaluation and negotiations. Based on decision by TC, continue process or discontinue work on tract(s).	Prepare appraisal contract, obtain mineral determination, and other required evidence. Submit completed appraisal to Review Appraiser for review.
7.	HPWG evaluate appraisal price.	Notify HPWG and landowner of appraisal price. Present option/offer to landowner for offer and tentative agreement.
8.	Make recommendation to TC on approval of option based on appraisal price, ability of parcel to meet restoration objectives and alternative parcels being able to meet same objectives.	Based on TC decision, submit option/offer to appropriate agency for acceptance.

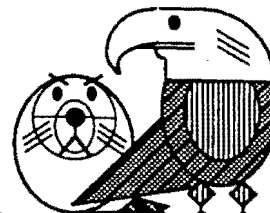
	Habitat Protection Work Group Responsibilities	Negotiator Responsibilities
9.	Monitor to validate restoration assumptions and objectives for habitat protection and use as a guide to refine future habitat protection strategies. Adjust criteria as necessary.	Proceed with land purchase steps as required by agency procedures.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



RECEIVED
MAY 13 1993

To: Trustee Council

Date: May 3, 1993

From: Administrative Director &
Restoration Team

Subj: Improved Public Involvement
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

It is clear that the public has expressed negative perceptions of the objectives and accomplishments of the Trustee Council and Restoration Team. The Restoration Team was directed to return to the Trustee Council with a proposal for improving communication with the public. We believe the following changes in current procedures may improve the climate of public opinion.

Public Involvement So Far

In the Public Participation Work Group and Restoration Team discussions we identified the major components of the public involvement program implemented thus far:

- **Public meetings:** Three series of meetings in the communities were held (February 92, April 92 & April 93). The first two sets were not well attended as not enough lead time was allowed for advertising and laying ground work. In addition the amount of information presented was overwhelming. The most recent series of meetings addressed these problems and was well attended.
- **Trustee Council meetings:** Meeting topics are often complicated and difficult to follow. Handouts to the public are also complicated and the sheer bulk can be overwhelming. The public cannot participate in the meetings except in the very defined, formal format of public comment periods at the end of the Trustee Council meetings.
- **Exxon Valdez Oil Spill Symposium:** The Symposium (held in February, 1993) was well attended and informative. Although it was generally praised as a successful event, some members of the public have indicated that there was too much information presented in a short time frame. In addition some members of the public felt there was inadequate opportunity for public discussion.
- **Public documents:** Until the most recent restoration plan brochure, the documents we have produced have been complicated, dry, full of jargon, difficult to understand, and not visually interesting.
- **Presentations (other than meetings):** To date, presentations have been made by various Restoration Team and Trustee Council members to the Resource Development Council, various radio talk shows, the

Trustee Agencies

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

International Right of Way Association, the Lower Cook Inlet Association, and other special interest groups.

Strategies

In order to begin to repair trust in the process, we need to consider changes in the approach to public involvement. These changes must be significant enough to make it obvious to the public that the Trustees are trying new means to attain "meaningful" public involvement. The Restoration Team has developed the following suggested strategies for implementation:

- Plan informal times before and/or after meetings where the public has access to the Trustees and other staff to ask questions and share their views.
- Encourage Trustee Council members and staff to take time to talk to members of the public, representatives of interest groups, and the Public Advisory Group.
- Make public concerns a regular agenda item at the Trustee Council meetings. Address public concerns at each Trustee Council meeting.
- Fully answer questions any member of the public asks in meetings. If Trustees or staff do not know the answer at the moment, the answer should be found and later mailed or phoned to the questioner.
- Produce and distribute a newsletter or fact sheets. Currently there is inadequate public information staff to provide this support. It is estimated that the production of a quarterly newsletter would cost approximately \$5,000 in materials and require approximately \$7,500 in salary support annually.
- Schedule a Trustee Council tour of several of the spill affected communities, with short meetings to interact with local officials and interested citizens.

The Restoration Team has fully discussed these suggestions and we encourage the Trustee Council to approve them for implementation.

DRAFT

Department of the Interior
OFFICE OF THE SECRETARY
Office of Environmental Affairs - Alaska

NOTE

May 5, 1993

RECEIVED
MAY 13 1993

TO: Exxon Valdez Oil Spill Public Advisory Group

FROM: Doug Mutter, Designated Federal Officer

RE: Fact Finding Trip on May 24, 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

On Monday, May 24, the Public Advisory Group (PAG) will take a one-day fact finding trip into Prince William Sound. We will depart from Whittier at 8:30 a.m. aboard the *Klondike Express* (PAG Chairperson Brad Phillips' cruise boat, which he has graciously donated for the trip). We will car pool from Anchorage to Portage, about a one-hour drive along Turnagain Arm. To get a ride or to pick up riders, meet Doug Mutter and Dave Gibbons in the parking lot at 1689 C Street (the Kaloa Buildings, between A and C Streets on 16th), Anchorage, no later than 6:00 a.m. (if you have a vehicle, you may park it there for the day at no cost). To get to Whittier, one must take the Alaska Railroad shuttle from Portage. The shuttle leaves at 7:25 a.m. We will travel as foot passengers boarding at Portage. Round-trip shuttle tickets can be purchased for \$16 in Anchorage or Portage, or one-way tickets for \$13 each way can be purchased on the train (PAG members can report this cost on their expense forms). Everyone must make these connections to make it to the boat before shove-off time. We will return to Whittier around 6:00 p.m., and will be able to catch the 7:30 p.m. shuttle back to Portage. Lunch will be provided on board the *Klondike Express*, courtesy of Phillips' Cruises & Tours.

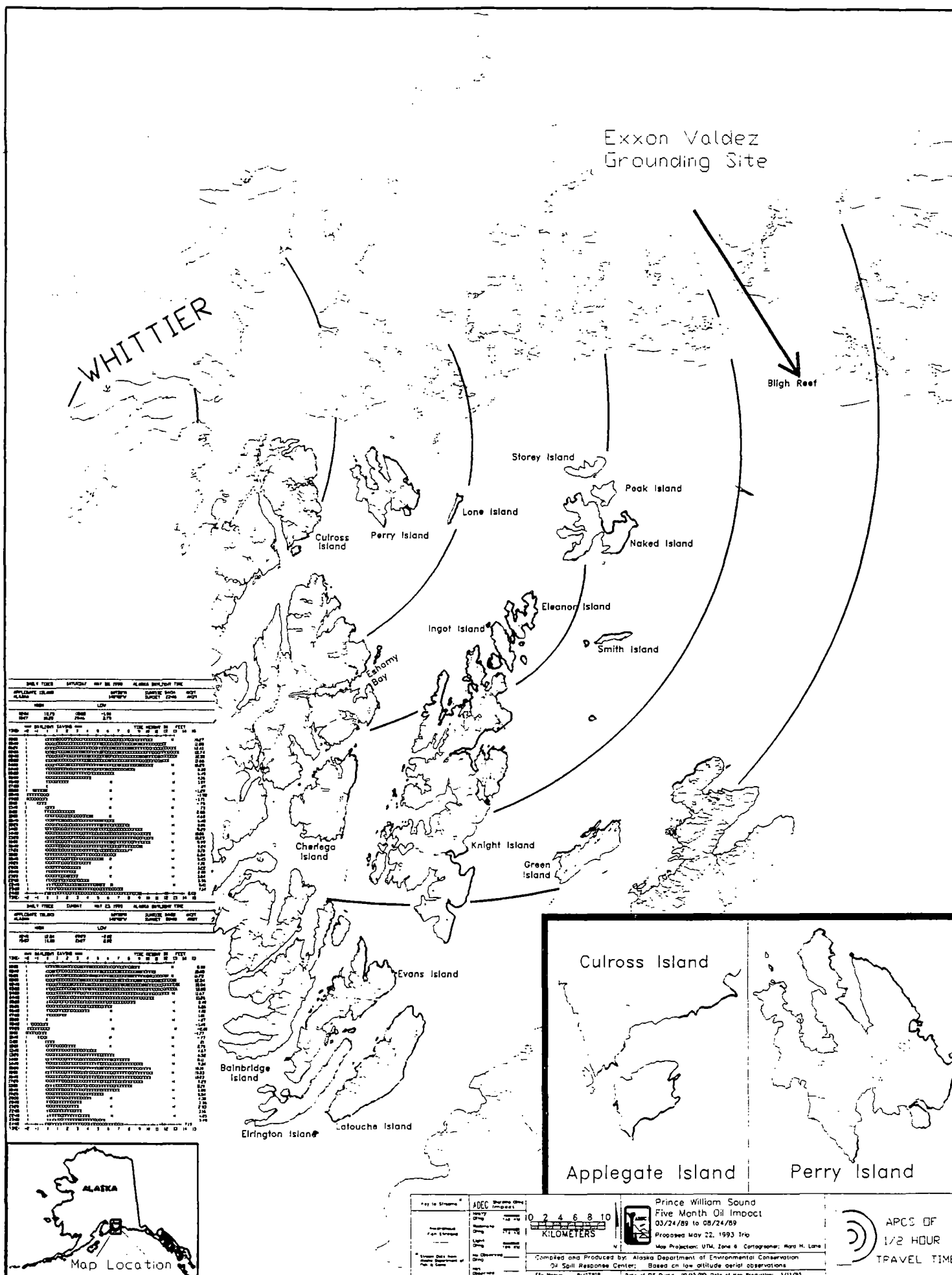
Please contact Cherrie Womac, 907/278-8012, by Wednesday, May 19, 1993 to confirm your reservation for the car pool and the boat.

The itinerary includes visits to Perry Island, Applegate Island and Knight Island (see attached map). With favorable tides, and assuming good weather, we plan to land on the beach at south Perry Island (which was heavily oiled), so rubber boots, rain gear and warm clothing are advised. An information packet will be available for each PAG member. Several of the staff will be on hand to serve as guides and brief the group about what has taken place in the area during spill response, clean-up, and restoration.

The Trustee Council, Restoration Team, and selected support staff have also been invited to participate (see attached list) (all Federal and State employees must obtain their own travel authorizations).

A reminder to PAG members about travel and per diem: Before undertaking official travel, a Travel Authorization must be completed--this is done by Regina Martinez, U.S. Fish & Wildlife Service. To be reimbursed for air travel, PAG members must obtain tickets through the authorized travel agent (LIFECO) at 800/770-2639. Expense forms and receipts must be returned by PAG members within five days after completion of travel. Send complete expense information to Cathy Miller, U.S. Fish & Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503. Regina or Cathy may be reached at 800/478-1456 (or Regina at 907/271-2324 and Cathy at 907/786-3467). *Ex officio* members are responsible for their own travel. Your cooperation is greatly appreciated.

cc. Trustee Council
Restoration Team
Guides and Instructors
Support Staff and Guests



Exxon Valdez Oil Spill Public Advisory Group
May 24, 1993 Fact Finding Trip into Prince William Sound
Invitation List (5/3/93)

Public Advisory Group

1. Rupert Andrews
2. Pamela Brodie
3. James Cloud
4. James Diehl
5. Richard Eliason
6. Donna Fischer
7. John French
8. Paul Gavora
9. James King
10. Richard Knecht
11. Vern McCorkle
12. Gerald McCune
13. John McMullen
14. Bradford Phillips
15. John Sturgeon
16. Charles Totemoff
17. Lew Williams
18. Cliff Davidson
19. Drue Pearce
20. Doug Mutter

Support Staff and Guests

39. Bruce Van Zee, Chugach NF
40. Craig Tillery, ADOL
41. Keith Goltz, DOI
42. Maria Lisowski, USFS
43. Alex Swiderski, ADOL
44. Jim Wolfe, USFS
45. L.J. Evans, ADEC
46. Chuck Meacham, ADF&G
47. John Dorio, Chugach NF
- 48.
- 49.
- 50.

Trustee Council

21. Paul Gates
22. Mike Barton
23. Steve Pennoyer
24. John Sandor
25. Charlie Cole
26. Carl Rosier

Restoration Team

27. Dave Gibbons
28. Pamela Bergmann
29. Marty Rutherford
30. Ken Rice
31. Byron Morris
32. Mark Broderson
33. Jerome Montague

Guides and Instructors

34. Art Weiner, ADNR
35. Mark Kuwada, ADF&G
36. John Bauer, ADEC
37. Dan Gillikan, USFS
38. Vic Baer, USFS

Meeting Announcement

- A. **MEETING:** Exxon Valdez Oil Spill Public Advisory Group (PAG)
- B. **DATE/TIME:** Tuesday May 25, 1993 @ 9:00 A.M.
- C. **LOCATION:** First floor conference room
645 G Street, Anchorage, Alaska
- D. **PURPOSE:**
1. Discuss the continuing role of the PAG in advising the Trustee Council.
 2. Review and make recommendations on the draft Restoration Plan alternatives.
 3. Review and make recommendations on potential projects for the fiscal year 1994 work plan.

E. **AGENDA**

<u>Time</u>	<u>Topic</u>	<u>Person</u>
9:00	Call to order/roll call	Brad Phillips, Chair
9:05	Approval of summary of April 16, 1993 meeting	Brad Phillips, Chair
9:10	Approval of agenda	Brad Phillips, Chair
9:15	Report on the May 13, 1993 Trustee Council meeting	Dave Gibbons, Interim Administrative Director
9:30	Discussion of PAG role in advising the Trustee Council	Brad Phillips, Chair
10:30	Public Comment	
10:50	Recommendations on draft Restoration Plan alternatives	Brad Phillips, Chair
12:00	Lunch break	
1:00	Recommendations on draft Restoration Plan alternatives, continued	Brad Phillips, Chair
1:30	Recommendations on draft 1994 Work Plan	Brad Phillips, Chair
3:00	Schedule next meeting	Brad Phillips, Chair
3:10	PAG member comments	
4:00	Public comment	
4:30	Adjourn	

F. **ATTACHMENTS:**

1. Amended PAG Charter (volume I tab IV.B)
2. April 16, 1993 meeting summary (volume I tab IX)

Appendix B

CHARTER
EXXON VALDEZ OIL SPILL PUBLIC ADVISORY GROUP

1. Official Designation: Exxon Valdez Oil Spill Public Advisory Group.
2. Objectives and Scope: In accordance with and pursuant to Paragraph V.A.4 of the Memorandum of Agreement and Consent Decree entered into by the United States of America, through the Department of Justice, and the State of Alaska, through the Attorney General, on August 27, 1991, and approved by the United States District Court for the District of Alaska in settlement of United States of America v. State of Alaska, Civil Action No. A91-081 CV, hereinafter referred to as the MOA, the Public Advisory Group shall advise the Trustees (State of Alaska Department of Law, State of Alaska Department of Fish and Game, State of Alaska Department of Environmental Conservation, U.S. Department of Agriculture, the National Oceanic and Atmospheric Administration of the U.S. Department of Commerce, and the U.S. Department of the Interior) through the Trustee Council with respect to the following matters:

All decisions relating to injury assessment, restoration activities, or other use of natural resource damage recoveries obtained by the Governments, including all decisions regarding:

 - a. Planning, evaluation, and allocation of available funds;
 - b. Planning, evaluation, and conduct of injury assessments;
 - c. Planning, evaluation, and conduct of restoration activities;
 - d. Coordination of a, b, and c.
3. Period of Time Necessary for the Group's Activities: By order of the District Court for the District of Alaska, the Public Advisory Group is to advise the Trustees, appointed to administer the fund established in settlement of United States v. Exxon Corporation, Civil Action No. A91-082, and State of Alaska v. Exxon Corporation, Civil Action No. A91-083, both in the United States District Court for the District of Alaska, in all matters described in Paragraph V.A.1 of the MOA referenced above. Final payment into the fund is scheduled for September 1, 2001. It is expected that the need for the Public Advisory Group will continue until approximately January 1, 2002. Extension of the Group beyond such date is subject to the unanimous written consent of the designated trustees.

4. Official to Whom the Public Advisory Group Reports: The Public Advisory Group shall report to the Exxon Valdez Settlement Trustee Council through the Chair of the Public Advisory Group at Trustee Council meetings. Other members of the Group may report with the Chair, as appropriate. The Trustee Council's regular agenda shall include a period during which the Public Advisory Group representative(s) may report on its activities, ask questions of the Trustee Council, and be available for questioning by the Trustee Council. The U.S. Department of the Interior is the designated Federal agency to which the Public Advisory Group reports to ensure compliance with the Federal Advisory Committee Act, including the responsibility of ensuring the necessary support for the Public Advisory Group. The designated Federal officer is the Alaska Office of Environmental Affairs' Assistant, or the Environmental Assistant's designee.
5. Administrative Support: Administrative support for the Public Advisory Group shall be provided by the Trustee Council's Restoration Team Administrative Director. The Trustee Council shall prepare an annual budget for the Public Advisory Group. The budget shall provide the Public Advisory Group such funds as the Trustee Council deems appropriate for administrative support for the Public Advisory Group, from the joint fund established in the registry of the United States District Court for the District of Alaska in settlement of United States v. Exxon Corporation and State of Alaska v. Exxon Corporation.
6. Public Advisory Group Membership, Selection, and Service: The Public Advisory Group shall consist of 17 members, including a Chair and Vice-Chair.
 - a. Qualifications for Service - Members shall be appointed to represent the following interests: aquaculture; commercial fishing; commercial tourism; conservation; environmental; forest products; local government; Native landowner; recreation users; science/academic; sport hunting and fishing; subsistence; public-at-large (5).

Representatives shall be chosen based on their demonstrated knowledge of the region, peoples, or principal economic and social activities of the area affected by the Exxon Valdez oil spill, or by demonstrated expertise in public lands and resource management as it relates to restoration, as applicable.

- b. **Nomination and Selection** - Nominations for membership may be submitted by any source. From these nominations the Trustee Council will recommend membership to the Trustees, and following selection by the Trustees, the Secretary of the Interior appoints those selected by the Trustees.
 - c. **Minimum Term** - Each member may serve two years from the date of appointment. Members are eligible for renomination and reappointment at the close of their terms. The Trustees may remove a member or officer of the Public Advisory Group for reasons of malfeasance, incompetence, or failure to attend to membership responsibilities.
 - d. **Officers** - The Public Advisory Group shall have a Chair and a Vice-Chair selected from the membership and approved by the Trustee Council in consultation with the members of the Public Advisory Group.
 - e. **Alternates to Members** - Nominations to designate an alternate will be submitted to the Trustee Council by each Public Advisory Group member. From these nominations, the Trustee Council may select a designated alternate for each member or the Trustee Council may solicit additional nominations. The Trustee Council will forward its recommendations to the Trustees. Following approval by the Trustees, the Secretary of the Interior will officially appoint those alternates approved by the Trustees. When appointed, alternates may substitute for the official Public Advisory Group member at a particular meeting and will have all the responsibilities of the member they represent.
7. **Expenses:** Travel, per diem and administrative support shall be borne by the Trustee Council using funds from the joint fund established in settlement of United States v. Exxon Corporation and State of Alaska v. Exxon Corporation. While away from home or regular place of business in performance of business of the Public Advisory Group, members shall receive travel expenses, including per diem in lieu of subsistence, at the applicable Federal Government rate. The estimated annual operating cost for the Group is \$106,000 including an estimated .5 staff years.

8. **Public Advisory Group Meetings and Records:** The Public Advisory Group shall meet no less than four times per year.
- a. All Public Advisory Group meetings will be open to the public. Any member of the public is permitted to file a written statement with the Public Advisory Group and any member of the public may speak at a Public Advisory Group meeting.
 - b. Detailed minutes of all meetings, including the time, date and place of the meeting, names of the Public Advisory Group members and other staff of the Trustee Council present, names of the public who presented oral or written statements, an estimate of the number of other public present, an accurate description of each matter discussed and each matter resolved, if any, by the Public Advisory Group, shall be prepared and made available to the public through the Administrative Director. The Chair shall certify to the accuracy of all minutes of the Public Advisory Group.
 - c. Meetings of the Public Advisory Group shall be held at a reasonable time and in a place reasonably accessible to the public. Notice of meetings shall be published in accordance with AS 44.62.310(e), AS 44.62.175 and 41 CFR 101-6.1015(b).
 - d. All accounts and records of the activities and transactions of the Public Advisory Group shall be kept and maintained by the Staff of the Administrative Director and, subject to the provisions of 5 U.S.C. subsection 552, such accounts and records shall be available for public inspection at the offices of the Administrative Director.
 - e. All rules and procedures governing the proceedings of the Public Advisory Group must be approved by the Trustee Council.
9. **Administrative Authority:** The Public Advisory Group functions are advisory only, and its officers shall have no administrative authority by virtue of their membership, except to recommend the Public Advisory Group budget needs to the Administrative Director. The Trustee Council, through the Administrative Director, shall procure all needed space, supplies, equipment, and support for the Public Advisory Group. Any office space of the Public Advisory Group shall be located with the Office of the Administrative Director.

Meeting Summary

A. GROUP: Exxon Valdez Oil Spill Public Advisory Group (PAG)

B. DATE/TIME: April 16, 1993

C. LOCATION: Anchorage, Alaska

D. MEMBERS IN ATTENDANCE:

<u>Name</u>	<u>Principal Interest</u>
Rupert Andrews	Sport Hunting and Fishing
Pamela Brodie	Environmental
James Cloud	Public-at-Large
James Diehl	Recreation Users
Richard Eliason	Public-at-Large
John French	Science/Academic
James King	Conservation
Vern McCorkle	Public-at-Large
John McMullen	Aquaculture
Gerald McCune	Commercial Fishing
Brad Phillips	Commercial Tourism
Charles Totemoff	Native Landowners
Cliff Davidson (ex officio)	Alaska State House

E. NOT REPRESENTED:

<u>Name</u>	<u>Principal Interest</u>
Paul Gavora	Public-at-Large
Rick Knecht	Subsistence
Lew Williams	Public-at-Large
Jalmar Kertulla (ex officio)	Alaska State Senate

F. OTHER PARTICIPANTS:

<u>Name</u>	<u>Organization</u>
Kathy Anderson	Eyak
Pamela Bergmann (for Mutter)	Designated Federal Officer Dept. of the Interior
Mark Broderon	Restoration Team AK Dept. Envir. Conservation
Dave Gibbons	Restoration Team Interim Administrative Director
Veronica Gilbert	Restoration Team
George Matz	Alternate to Jim King
Charles McKee	Self
Ken Rice	Restoration Team U.S. Forest Service
Jerry Rusher	Rusher Services
Lee Wyatt	The Eyak Corp.

10. Termination Date: The Federal Advisory Committee Act, 5 U.S.C. App., requires that the Public Advisory Group shall terminate two years from the date of filing of this Charter unless the Group is renewed before that date in accordance with the requirements of that Act.
11. Authority: This Public Advisory Group is established as mandated by Paragraph V.A.4 of the MOA and shall be located in Alaska. Additional authority for its creation is found in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. subsection 9601 et seq.


Secretary of the Interior

Date Signed: APR 22 1993

Date Filed: APR 22 1993

G. SUMMARY:

The information session was opened at 9:30 a.m. by Chairperson Brad Phillips. Pamela Bergmann reminded PAG members to turn in outstanding travel expense forms as soon as possible after completion of travel--information is required from Pamela Brodie, John French, Paul Gavora, Rick Knecht, John McMullen, and Lew Williams.

Dave Gibbons provided a summary of the March 10 and March 29, 1993 Trustee Council meetings (attachments J.1 and 2). Actions taken by the Trustee Council on PAG recommendations are:

- Approved work to proceed on a PAG Charter amendment to allow for selection of PAG voting alternates.

- Amended the PAG Operating Procedures to include alternate members and Trustee Council intent statements in the introduction and as an appendix.

- Approved the amended PAG Operating Procedures.

- Approved a fact-finding trip to Prince William Sound for the PAG, costs to total about \$2,000, pending legal review.

Gibbons distributed a list of potential projects for consideration in the 1994 Work Plan (attachment J.3) and a draft restoration program work schedule (attachment J.4).

Bergmann reiterated the need to obtain information for the designation of official PAG alternates from members, per the March 25, 1993 memorandum from the Designated Federal Officer.

Gibbons gave a status report on imminent threat habitat protection activities. Draft negotiating guidelines are going to the Trustee Council. A list of concerns/issues is attached (also see attachment J.5) Phillips asked if some PAG members could attend the May 13 Trustee Council meeting to voice their concerns about the habitat protection process.

Veronica Gilbert and Ken Rice gave a presentation on the Restoration Plan Alternatives Brochure, which was previously mailed to PAG members. The PAG discussed and commented on the brochure.

Rice discussed the status of the 1994 Work Plan (attachment J.3). The PAG discussed and commented on the list of potential projects.

Phillips discussed the upcoming May 24, 1993 fact-finding trip into Prince William Sound. Either the PAG member or their alternate will be funded for this trip. Additional

information will be forthcoming. A PAG meeting will be held the next day in Anchorage.

PAG members were given the opportunity to comment on issues and concerns.

Gibbons briefly reviewed a draft memorandum to the Trustee Council from the Restoration Team concerning public participation in the restoration program.

The information session was opened for public comment. Kathy Anderson wanted to know what the role of the PAG really is--she is disappointed in the current process. Jerry Rusher was interested in participating in the fact-finding trip. Charles McKee presented testimony.

H. FOLLOW-UP:

1. Chairperson, Brad Phillips, will give the status report at the May 13, 1993 Trustee Council meeting in Anchorage.
2. Dave Gibbons will distribute agendas for Restoration Team meetings to PAG members and interested persons who request them.
3. Doug Mutter will include in each PAG agenda a time period for PAG member comment (about 45 minutes at the end of meetings). At the next meeting, an agenda item will be a discussion about where the PAG is going and what their purpose is. The public comment period should be divided into a morning session and an afternoon session.
4. Mutter will issue a summary of the meeting and the key points of concern about habitat protection prior to the Trustee Council meeting on May 13.
5. Gibbons will prepare information on how much has been spent on studies and restoration for each resource and service since the spill.
6. Mutter will issue a memorandum regarding the May 24, 1993 fact-finding trip into Prince William Sound.
7. PAG members need to get their information about suggested alternates to Doug Mutter as soon as possible. PAG members are to advise Doug Mutter if they are unable to attend a meeting and if their alternate will attend in their place.
8. PAG members are to get comments to Brad Phillips before the Trustee Council meeting on May 13, regarding habitat protection concerns.
9. Veronica Gilbert will see that ads are placed in the

**Selected Issues and Concerns Identified
at the EVOS Public Advisory Group Meeting
April 16, 1993**

The following items were raised about habitat protection, but not necessarily agreed upon by all members. This is presented for the information of the Trustee Council.

1. The current high price of timber makes for a very good market and timber owners will be wanting to move quickly to take advantage of it. Negotiations for habitat protection must move quickly. Plus, this could move other lands into the imminently threatened category.
2. The Trustee Council should discuss with landowners/timber owners of imminently threatened lands (some of whom do not wish to sell title to their lands) various management actions that could be undertaken to protect and enhance injured resources and services--other than fee simple title.
3. Perhaps there are financial incentives to landowners to cause them to not log their lands at this time.
4. Keep in mind the purpose of habitat protection is not to increase the amount of land in public ownership, but to enhance the recovery of injured resources and services--keep restoration goals in mind.
5. What about subsurface rights to lands that may be purchased?
6. The Trustee Council should consider land trades as a tool for protecting habitat, without expanding public land ownership.
7. Local people have a direct interest in habitat protection near their communities and need to be able to participate in the process, their concerns and needs should be considered.
8. Larger buffer zones around streams, etc. of timber left after cutting need to be considered in some locations.
9. The letter to the landowners in the oil spill area was not very clear and should have concentrated more on the willingness of the landowner to consider management-types of arrangements for protecting habitat, other than selling title to the land.
10. Have the economic impacts of habitat protection been taken into account?
11. Seal Bay appears to be an imminently threatened parcel with a willing seller and local public support for its purchase--negotiations should be expedited.

Ketchikan and Sitka newspapers announcing the availability of the Restoration Alternatives Brochure.

10. Mutter will prepare PAG budget information for the next PAG meeting and report on possible funding for the Regional Citizens Advisory Councils.

I. NEXT MEETING: May 25, 1993 in Anchorage (fact-finding trip to Prince William Sound scheduled for May 24, 1993).

J. ATTACHMENTS:

Handouts attached for those not present:

1. March 10, 1993 Trustee Council Meeting Notes
2. March 29, 1993 Trustee Council Meeting Notes
3. Potential projects for 1994 Work Plan (vol. II tab IV)
4. Draft Work Schedule for 1993/1994 (vol. II tab IV)
5. Letter to landowners regarding habitat protection (vol. II tab V)

K. CERTIFICATION:

PAG Chairperson

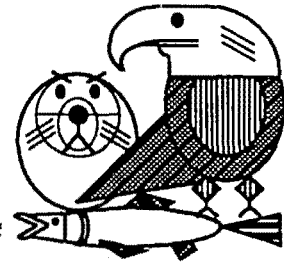
Date

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



MEMORANDUM

To: Trustee Council

From: Dave R. Gibbons *dig*
Interim Administrative Director

Date: May 5, 1993

Subj: MOU with Prince William Sound Oil Spill Recovery Institute

RECEIVED
MAY 13 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

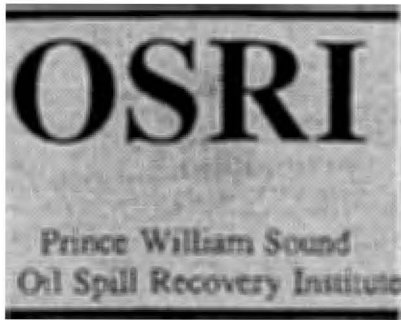
Enclosed are two versions of the MOU you directed me to develop in coordination with the Prince William Sound Oil Spill Recovery Institute. Version A was prepared by the Institute and includes some provisions for creating matching fund projects of mutual interest and inclusion of ex-officio members to both organization. Version B was prepared by myself with review by the Restoration Team without these specified provisions but does provide for specific agreements as determined by you.

This topic is on your May 13th Trustee Council meeting agenda. Dr. Gary Thomas will be present at the meeting and be available to answer any questions concerning his proposed version of the MOU.

Trustee Agencies

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

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



P.O. Box 705

Cordova, AK 99574

(907) 424-5800 FAX (907) 424-5820

May 4, 1993

David Gibbons
Interim Administrative Director
Restoration Team
Exxon Valdez Oil Spill Trustee Council
645 "G" Street
Anchorage, AK 99501

Dear Dave:

Attached are two versions of a draft Memorandum of Understanding for consideration by the Trustee Council. Version A includes several clauses creating a matching or challenge grant program for projects of mutual interest. This might be a good starting point for cooperation and, at the same time, increase the amount of funds available for technical and monitoring research.

Version B is less specific and deletes those clauses. I defer to your judgment on which version to present to the Trustee Council for discussion. I plan to attend the May 13th Council meeting to be available for discussions or questions.

Thank you for your assistance in working on this.

Sincerely,

A handwritten signature in cursive script, appearing to read "G.L. Thomas", is written over a horizontal line.

G.L. Thomas, Ph.D.
Acting Director

cc: Bill Hines, NMFS

DRAFT

MEMORANDUM OF UNDERSTANDING
among the
EXXON VALDEZ OIL SPILL STATE AND FEDERAL NATURAL RESOURCE TRUSTEES
and the
PRINCE WILLIAM SOUND OIL SPILL RECOVERY INSTITUTE
(Version A)

I. Authority

This Memorandum of Understanding (MOU) is made and entered into by State and Federal Natural Resource Trustees for the Exxon Valdez oil spill (TRUSTEES) and the Prince William Sound Oil Spill Recovery Institute (OSRI).

The TRUSTEES and OSRI enter into this MOU in accordance with the natural resource trustee authority provided to each Trustee by Section 311(f) of the Federal Water Pollution Control Act, 33 U.S.C. & 1321(f), and the Memorandum of Agreement and Consent Decree (MOA) approved and entered on August 28, 1991 in United States v. State of Alaska, Civil Action No. A91-081 CV, and the Agreement and Consent Decree (Settlement Agreement) filed October 9, 1991 in United States v. Exxon Corporation et al., Civil Action No. A 91-083 CIV, and Section 5001 of the Oil Pollution Act of 1990 and U.S.C.

II. Purpose

The purpose of this Memorandum of Understanding is to provide a framework for cooperative research, and educational activities to understand the long-term effects of the EVOS on the natural resources, the service they provide and people of the oil spill affected area.

III. Introduction

Both the EVOS Trustees acting through the EVOS Trustee Council located in Alaska, and OSRI, located in Cordova, Alaska, have responsibilities and interested in understanding the long-term effects of the EXXON VALDEZ oil spill on the natural resources, the service they provide and people of the oil spill affected area.

The TRUSTEE COUNCIL may taken any action consistent with applicable law relating to the injury assessment, restoration activities, or other use of the natural resource damage recoveries obtained by the Governments under the EVOS MOA and Settlement Agreement, including all decisions regarding the planning, evaluation, and allocation of available funds, the planning, evaluation, and conduct of injury assessments, the planning, evaluation and conduct of restoration activities, and the coordination thereof.

The OSRI will complement federal and state damage assessment efforts and determine, document, assess and understand the long-range effects of the EXXON VALDEZ oil spill on the natural resources of Prince William Sound and the environment, the economy, and the lifestyle and well-being of the people who are dependent on them.

NOW THEREFORE in consideration of the above premises, the parties hereto agree as follows:

*MOU - Page 2***THE OSRI SHALL:**

1. Cooperate with the TRUSTEE COUNCIL in carrying out activities to facilitate common goals of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
2. Enter into specific agreements or contracts to accomplish agreed upon projects which may be supplemental to this MOU.
3. Meet as required, at least annually, with the TRUSTEE COUNCIL to review project proposals to meet the purposes of this MOU. Meetings will be arranged by the OSRI Director and the Trustee Council's Executive Director.
4. As determined by specific agreement, provide support for the implementation of projects which further the OSRI mission of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
- * 5. Will establish agreements with state, federal and private organizations to provide matching monies for projects of mutual interest.
- * 6. Appoint a State and a Federal legal representative to serve as ex-officio members of OSRI.

THE TRUSTEE COUNCIL SHALL:

1. Enter into agreements or contracts to accomplish projects which may be supplemental to this MOU.
2. Meet as required with the OSRI to review project proposals to meet the purposes of this MOU.
3. As determined by specific agreement, provide support for the implementation of projects which further the TRUSTEE COUNCIL role of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
- * 4. Will provide challenge grants to the OSRI for matching fund projects of mutual interest.
- * 5. Appoint the OSRI Director and one OSRI Advisory Board member to an ex-officio member status on the Trustee Council's Restoration Working Group Team.

IT IS MUTUALLY AGREED AND UNDERSTOOD BY AND BETWEEN THE PARTIES THAT:

1. This MOU, or supplements hereto, in no way restricts the Trustee Council from participating with other public and private agencies, organizations, and individuals relating to any Trustee Council activities.
2. Except as determined by specific agreement, nothing contained herein, or supplements

MOU - Page 3

hereto, shall entitle the OSRI to participate in activities of the Trustee Council.

3. No member of, or delegate to Congress, shall be admitted to any share or part of this MOU.
4. Nothing in this MOU shall be construed as obligating the State of Alaska or United States to expend, or as involving either in any contract or other obligation for the future payment of, any amount in excess of appropriations authorized by law and administratively allocated for this work.
5. This MOU may be revised as necessary by mutual consent of the parties, upon issuance of a written amendment, signed and dated by both parties.
6. Either party may terminate this MOU by providing 60 days written notice to the other party. Unless terminated by written notice, this MOU will remain in force indefinitely.

EFFECTIVE DATE: IN WITNESS WHEREOF, this MOU is effective as of the last written date below.

MOU - Page 4

For the Trustee Council

Michael A. Barton, Regional Forester, Alaska
Region, Forest Service, USDA

DATE

Charles E. Cole, Attorney General, Alaska

DATE

Carl L. Rosier, Commissioner, Alaska Dept. of
Fish and Game

DATE

Steven Pennoyer, Director, Alaska Region,
National Marine Fisheries Service

DATE

John A. Sandor, Commissioner, Alaska Dept.
of Environmental Conservation

DATE

MOU - Page 5

, Assistant to the Secretary,
Department of Interior

DATE

For the OSRI

John A. Calder, Chairperson, ORSI Advisory
Board, Representative, Dept. of Commerce

DATE

G.L. Thomas, Acting Director, OSRI

DATE

DRAFT

MEMORANDUM OF UNDERSTANDING
among the
EXXON VALDEZ OIL SPILL STATE AND FEDERAL NATURAL RESOURCE TRUSTEES
and the
PRINCE WILLIAM SOUND OIL SPILL RECOVERY INSTITUTE
(Version B)

I. Authority

This Memorandum of Understanding (MOU) is made and entered into by State and Federal Natural Resource Trustees for the Exxon Valdez oil spill (TRUSTEES) and the Prince William Sound Oil Spill Recovery Institute (OSRI).

The TRUSTEES and OSRI enter into this MOU in accordance with the natural resource trustee authority provided to each Trustee by Section 311(f) of the Federal Water Pollution Control Act., 33 U.S.C. & 1321(f), and the Memorandum of Agreement and Consent Decree (MOA) approved and entered on August 28, 1991 in United States v. State of Alaska, Civil Action No. A91-081 CV, and the Agreement and Consent Decree (Settlement Agreement) filed October 9, 1991 in United States v. Exxon Corporation et al., Civil Action No. A 91-083 CIV, and Section 5001 of the Oil Pollution Act of 1990 and U.S.C.

II. Purpose

The purpose of this Memorandum of Understanding is to provide a framework for cooperative research, and educational activities to understand the long-term effects of the EVOS on the natural resources, the service they provide and people of the oil spill affected area.

III. Introduction

Both the EVOS Trustees acting through the EVOS Trustee Council located in Alaska, and OSRI, located in Cordova, Alaska, have responsibilities and interested in understanding the long-term effects of the EXXON VALDEZ oil spill on the natural resources, the service they provide and people of the oil spill affected area.

The TRUSTEE COUNCIL may taken any action consistent with applicable law relating to the injury assessment, restoration activities, or other use of the natural resource damage recoveries obtained by the Governments under the EVOS MOA and Settlement Agreement, including all decisions regarding the planning, evaluation, and allocation of available funds, the planning, evaluation, and conduct of injury assessments, the planning, evaluation and conduct of restoration activities, and the coordination thereof.

The OSRI will complement federal and state damage assessment efforts and determine, document, assess and understand the long-range effects of the EXXON VALDEZ oil spill on the natural resources of Prince William Sound and the environment, the economy, and the lifestyle and well-being of the people who are dependent on them.

NOW THEREFORE in consideration of the above premises, the parties hereto agree as follows:

*MOU - Page 2***THE OSRI SHALL:**

1. Cooperate with the **TRUSTEE COUNCIL** in carrying out activities to facilitate common goals of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
2. Enter into specific agreements or contracts to accomplish agreed upon projects which may be supplemental to this MOU.
3. Meet as required, at least annually, with the **TRUSTEE COUNCIL** to review project proposals to meet the purposes of this MOU. Meetings will be arranged by the OSRI Director and the Trustee Council's Executive Director.
4. As determined by specific agreement, provide support for the implementation of projects which further the OSRI mission of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
5. Appoint a State and a Federal legal representative to serve as ex-officio members of OSRI.

THE TRUSTEE COUNCIL SHALL:

1. Enter into agreements or contracts to accomplish projects which may be supplemental to this MOU.
2. Meet as required with the OSRI to review project proposals to meet the purposes of this MOU.
3. As determined by specific agreement, provide support for the implementation of projects which further the **TRUSTEE COUNCIL** role of understanding the long-term effects of EVOS on the natural resources and people of the oil spill affected area.
4. Appoint the OSRI Director and one OSRI Advisory Board member to an ex-officio member status on the Trustee Council's Restoration Working Group Team.

IT IS MUTUALLY AGREED AND UNDERSTOOD BY AND BETWEEN THE PARTIES THAT:

1. This MOU, or supplements hereto, in no way restricts the Trustee Council from participating with other public and private agencies, organizations, and individuals relating to any Trustee Council activities.
2. Except as determined by specific agreement, nothing contained herein, or supplements hereto, shall entitle the OSRI to participate in activities of the Trustee Council.
3. No member of, or delegate to Congress, shall be admitted to any share or part of this MOU.

MOU - Page 3

4. Nothing in this MOU shall be construed as obligating the State of Alaska or United States to expend, or as involving either in any contract or other obligation for the future payment of, any amount in excess of appropriations authorized by law and administratively allocated for this work.
5. This MOU may be revised as necessary by mutual consent of the parties, upon issuance of a written amendment, signed and dated by both parties.
6. Either party may terminate this MOU by providing 60 days written notice to the other party. Unless terminated by written notice, this MOU will remain in force indefinitely.

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MOU - Page 4

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MOU - Page 5

, Assistant to the Secretary,
Department of Interior

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For the OSRI

John A. Calder, Chairperson, ORSI Advisory
Board, Representative, Dept. of Commerce

DATE

G.L. Thomas, Acting Director, OSRI

DATE

RECEIVED
MAY 13 1993

MEMORANDUM

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

To: Trustee Council

From: Dave R. Gibbons *DRG*
Interim Administrative Director

Date: May 4, 1993

Subj: Completing of 1992 Final Reports

Enclosed is a listing of the schedule for completion of the damage assessment final reports and 1992 restoration reports. There are 5 projects that will not meet the completion due date set by you at your last meeting of June 15th. These included:

- 1) Archeology Project R104A - DOI
- 2) Fish/Shellfish Project F/S #1 - ADF&G
- 3) Fish/Shellfish Project F/S #28 - ADF&G
- 4) Restoration Project #R60B - ADF&G
- 5) Restoration Project #R60C - NMFS

Individual Restoration Team members will be prepared to discuss these five studies at your May 13th meeting.

EVOS REPORT PROGRESS SCHEDULE AS of 5/4/93

Page 1 STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE	PROPOSED DATE SENT TO AMS	DATE REC'D BY AMS	PEER REVIEWER'S	DATE REVIEW COMPLETED	DATE SENT TO P.I.	DATE ACCEPTED CHIEF SCI.
AIR/WATER									
A/W #1	X	ADEC	Geographic Extent and Temporal Persistence of Floating Oil from the EVOS	Jun-93					
A/W #2		ADEC	Injury to the Air Resource from the Release of Oil-generated volatile organic compounds	released					
ARCHAEOLOGY									
R104A		ADNR/USFS/FWS/NPS	Archaeology Site Stewardship	8/1/93					
			Archaeology (C14 Dating)	COMPLETED					
Comp Arch		USFS	Comprehensive Archaeology Damage Asses	6/15/93					
A#1	X	DNR	Assessment Effects of Crude Oil Contamination on some Archaeological Sites in the Gulf of Alaska 1991 Investigations	Aug-92	9/21/92	Dumond	10/7/92	10/26/92	
		DOI-NPS	An Evaluation of Archaeological Injury Documenta	5/1/92	1/22/93	Dumond	2/3/93	2/20/93	
		DOI-NPS	tionation EVOS Monetary Damage Assessment for Archaeological Injuries Documented in EVOS Response Records	5/1/92	1/22/93	Dumond	2/3/93	2/20/93	
BIRDS									
B #2	X	DOI-FWS	Boat Surveys to determine Distribution and Abundance of Migratory Birds and Sea Otters in Prince William Sound	3/12/93	3/23/93	Green Fry			
B #3	X	DOI-FWS	Murres - A Perspective from Observations at Breeding Colonies	10/22/92	10/27/92	Fry, Hunt, Sharp	11/9/92	12/4/92	Accepted 3/25/93
B #4	X	DOI-FWS	Bald Eagles	5/1/93					
B #4	X	DOI-FWS	Hydrocarbon Residues From Bald Eagle Eggs, blood & Prey Remains collected in Spill Area	5/1/93					
B #6	X	DOI-FWS	Assessment of the Abundance of Marbled Murrelet Sites Along the Kenai & PWS	4/26/93					
B #7	X	DOI-FWS	Assessment of the Effects of Petroleum Hydrocarbons on Reproductive Success of the Fork-tailed Storm-Petrel	4/26/93					
B #8	X	DOI-FWS	Assessment of Injuries to Reproductive Success of Black-legged Kittiwakes in PWS	4/26/93					

PAGE 2 - Report Progress Schedule

STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE	PROPOSED DATE SENT TO AMS	DATE REC'D BY AMS	PEER REVIEWER'S	DATE REVIEW COMPLETED	DATE SENT TO P.I.	DATE ACCEPTED CHIEF SCI.
B #9	X	DOI-FWS	Assessment of Injury to Waterbirds Based on the Population and breeding Success of Pigeon Guillemots in Prince William Sound	4/26/93					
B #11	X	ADF&G	Harlequin Ducks - Injury Assessment of hydrocarbons uptake in Sea Ducks in PWS and the Kodiak Archipelago, FINAL	4/30/92	Draft 11/10/92	Fry Sharp (tables) Green(data)	11/30/92 12/28/92 not complete	12/4/92 12/28/92	
B #12	X	DOI-FWS	Assessment of Injury to Spring Migrant - Shorebirds.	5/11/92					
B #13	X	DOI-FWS	Effects of the EVOS on Black Ostyercatchers breeding in PWS - FINAL	4/26/93	10/28/93	Fry, Hunt	12/21/92	12/31/93	
COASTAL HABITAT									
C/H #1A	X	USFS	Comprehensive Assessment of Injury to Coastal Habitats Interim Report	Dec-92	12/27/92	Boesch Peterson	3/19/93 3/22/93	3/22/93	
C/H #1A	X	USFS	Comprehensive Assessment of Injury to Coastal Habitats Herring Bay FINAL thru 1992	Jun-93					
CH #1A		USFS	Supratidal Injury assessment	Jan-92			Complete		
C/H #1B	X	NOAA	Pre-Spill & Post-Spill Concentrations of Hydrocarbons in Sediments & Mussels at Intertidal Sites within PWS	5/15/93					
FISH/SHELLFISH									
F/S #1	X	ADF&G	Salmon Spawning Area Injury	6/30/93					
F/S #2	X	ADF&G	Preemergent fry - Injury to Salmon Eggs and Pre-emergent Fry in Prince William Sound	Draft 12/31/92 Final 5/7/93	Draft 1/4/1993	Rothschild, Hilborn	1/19/93	2/1/93	being revised
F/S #3	X	ADF&G	Coded Wire Tag Studies PWS Salmon DRAFT	2/15/93	3/19/93	Mundy, Hilborn	M4/12 H4/28		
F/S #4A	X	ADF&G	Early Marine Salmon Injury Assessment in Prince William Sound	4/30/93					
F/S #4B	X	NOAA	Impact of Oil Spill on Juvenile Pink & Chum Salmon & Their Prey in Critical Nearshore Habitats	11/1/92	3/12/93	Tjeerdema Spies			
F/S #5	X	ADF&G	Injury to Dolly Varden Char & Cutthroat Trout in Prince William Sound	12/31/92					
F/S #7b & 8b		ADF&G	Effects of pink salmon escapement level on egg retention, preemergent fry, & adult returns to the Kodiak and Chignik Management Areas caused by the Exxon Valdez Oil Spill	2/24/93	3/1/93	Hilborn Mundy	4/28/93 4/12/93		
F/S #11	X	ADF&G	Herring Injury	2/15/93					
F/S #13	X	ADF&G	Clams - Effects of hydrocarbons on bivalves	2/15/93	2/16/93	Green, Peterson	P3/8 G4/26		
F/S #18		NMFS	PWS Trawl Assessment - FINAL	Jan-93	3/3/93	Spies, Mundy	4/6/93	4/23/93	

PAGE 3 - Report Progress Schedule

STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE	PROPOSED DATE SENT TO AMS	DATE RECVD BY AMS	PEER REVIEWER'S	DATE REVIEW COMPLETED	DATE SENT TO P.I.	DATE ACCEPTED CHIEF SCI.
F/S #22		NMFS	Injury to Crabs Outside PWS - DRAFT FINAL	Jan-93	3/2/93	Peterson	3/25/93	3/25/93	
F/S #27		ADF&G	Sockeye Salmon Overescapement - DRAFT		1/4/93	Hilborn, Mundy	1/22/93	2/9/93	Being revised
F/S #27		ADF&G	Sockeye Salmon Overescapement - FINAL	12/31/92	3/19/93	Hilborn, Mundy	4/12 H4/28		
F/S #28	X	ADF&G	Salmon Run Reconstruction	4/30/93					
F/S #28		ADF&G	Salmon Run Reconstruction-Life History	Jan-94					
F/S #30			Data Base Management	2/28/93					
MARINE MAMMALS									
M/M #1	X	NOAA	Effects of the EVOS on the Distribution and Abundance of Humpback Whales in Prince William Sound, Southeast Alaska, and the Kodiak Archipelago	4/8/93					
M/M #2	X	NOAA	Assessment of Injuries to Killer Whales in Prince William Sound & Southeast Alaska	4/8/93					
M/M #5		ADF&G	Assessment of Injury to Harbor Seals in Prince William Sound and adjacent areas following the EVOS	12/28/92	1/14/93	Garrott Siniff, Eberhardt Rebar	1/31/93 Sin3/8 153/20 4/12/93		
M/M #6	X	DOI-FWS	Sea Otters - Boat based Population surveys of Sea Otters in PWS in Response to the Exxon Valdez Oil Spill	1/15/93	12/9/92	Bowden, Garrott, Siniff Eberhardt(statistics)	1/6/93 1/6/93 not complete	2/1/93	
M/M #6	X	DOI-FWS	Sea Otter Detectability in Boat-based Surveys of Prince William Sound FINAL	3/8/93	3/12/93	Garrott Eberhardt	4/13/93 4/8/93		
M/M #6	X	DOI-FWS	Post-Spill Sea Otter Mortality in PWS	4/15/93					
M/M #6	X	DOI-FWS	Summary of Necropsies & Histopathological Examinations/Sea Otter Carcasses	4/15/93					
M/M #6	X	DOI-FWS	Reproductive Status of Female Sea Otter Carcasses Recovered During 1989	4/15/93					
M/M #6	X	DOI-FWS	Hematology & Blood Chemistry in Sea Otters in Oiled & Un-oiled Areas of PWS	5/15/93					
M/M #6	X	DOI-FWS	Male Sea Otter Sperm, Testicular Samples & Blood Lymphocytes in Oiled & Un-oiled Areas of PWS	5/21/93					
M/M #6		DOI-FWS	Carcass Drift Experiments	4/15/93					
M/M #6		DOI-FWS	Hydrocarbons #1 - Heavily oiled sea otters	4/15/93					
M/M #6		DOI-FWS	Hydrocarbons #2 - Southeast control sea otters	4/15/93					
M/M #6		DOI-FWS	Hydrocarbons #3 - Area and time effects	5/15/93					
M/M #6		DOI-FWS	Intersect Model	4/15/93					
M/M #6		DOI-FWS	Prey Selection and Hydrocarbons	5/1/93					
M/M #6		DOI-FWS	Pathology	4/15/93					

PAGE 4 - Report Progress Schedule									
STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE	DATE SENT TO AMS	DATE RECVD BY AMS	PEER REVIEWER'S	DATE REVIEW COMPLETED	DATE SENT TO P.I.	DATE ACCEPTED CHIEF SCI.
M/M #6	X	DOI-FWS	Mortality of Sea Otter Weanlings in Eastern & Western PWS	1/15/93	11/17/92	Siniff, Garrott	12/7/92	12/31/92	No Revisions
M/M #6	X	DOI-FWS	Pre & Post-Spill Helicopter Surveys of Sea Otters Along the Kenai Peninsula, Kodiak Island & Alaska Peninsula	5/1/93					
M/M #6	X	DOI-FWS	Mortality and Reproduction of Female Sea Otters in PWS	1/15/93	11/17/92	Siniff, Garrott	12/7/92	12/31/92	No Revisions
M/M #6	X	DOI-FWS	Movements of Weanling & Adult Female Sea Otters in PWS after the EVOS	10/10/92	10/19/92	Siniff, Garrott	10/30/92	11/2/92	No Revisions
M/M #7		DOI-FWS	Mortality and Reproduction of Sea Otters oiled and treated following the spill	1/15/93	11/17/92	Siniff, Garrott	12/7/92	12/31/92	No Revision
RESTORATION 1992: RECOVERY MONITORING									
R #11		DOI-FWS	Murre Restoration Project	4/15/93					
R #15		DOI-FWS	Marbled Murrelets- Annual progress rpt.	4/15/93					
R #47		ADF&G	Stream Habitat Assessment Project	1/31/93	1/4/93	Sharp, Mundy	1/21/93	2/1/93	4/22/93
R #53		ADF&G	Kenai River Sockeye Salmon Restoration	4/30/93					
R #59		ADF&G	Assessment Genetic Stock Structure Salmonids	4/30/93					
R #60A		ADF&G	Pink Salmon	4/21/93					
R #60B		ADF&G	Pink Salmon	6/30/93					
R #60C		NMFS	Injury to Salmon Eggs and Pre-Emergent Fry	8/8/93					
R #60C		ADF&G	Injury to Pink Salmon Eggs and Pre-Emergent Fry	4/23/93					
R #71		ADF&G	Harlequin Duck Restoration & Monitoring	2/15/93					
R #90		ADF&G	Impact of Oil Spilled from the Exxon Valdez on Survival of Dolly Varden & Cutthroat Trout in Prince William Sound.	12/31/92	4/8/93				
R #102		ADF&G	Coastal Habitat - Herring Bay Experimental & Monitoring Studies	12/31/92	12/15/92	Boesch, Peterson	1/19/93	2/1/93	4/8/93
R #103A		NMFS	Oiled Mussels - ANNUAL PROGRESS RPT	4/8/93					
R #103B		DOI-NPS	Oiled Mussels - ANNUAL PROGRESS RPT.	3/26/93	3/31/93	no review	N/A	N/A	N/A
R #103C		DOI-FWS	Oiled Mussels - Black Oystercatchers- ANNUAL PROGRESS REPORT	4/15/93					
R #103D		ADF&G	Oiled Mussels - River Otters	3/1/93	submitted				

PAGE 5 - Report Progress Schedule				PROPOSED DATE SENT TO AMS	DATE REC'D BY AMS	PEER REVIEWER'S	DATE REVIEW COMPLETED	DATE SENT TO P.I.	DATE ACCEPTED CHIEF SCI.
STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE						
R #105		ADF&G	Instream Survey - Survey and Invaluation of Instream Habitat & Stock Restoration Techniques for Wild Pink and Chum Salmon	1/15/93	1/20/93	Hilborn Mundy	2/24/93 2/15/93	3/4/93	
R #106		ADF&G	Dolly Varden - Restoration of Dolly Varden & Cutthroat Trout Populations in PWS	12/2/92	11/13/92	Hilborn	12/3/92	12/4/92	Being revised
R #113		ADF&G	Red Lake Sockeye Salmon Restoration	1/31/93					
			SUBTIDAL						
ST #1A	X	NMFS	Subtidal Sediment	Apr-93					
ST #1B	X	ADEC	Hydrocarbon Mineralization Potentials and Microbial Populations in Marine Sediments following the EVOS	11/1/92	9/22/92	Bauer	10/6/92	10/8/92	
ST #2A	X	ADF&G	Shallow Benthic - Effects of EVOS on Shallow Subtidal Communities in PWS - DRAFT	1/15/93	1/26/93	Boesch Peterson	3/5/93 3/22/93	3/25/93 3/25/93	
ST #2B	X	ADF&G	Injury to Deep Benthos - FINAL Project # 2109	1/15/93	4/8/93	Boesch Peterson			
ST #3A	X	NMFS	Caged Mussels - Bioavailability and Transport of Hydrocarbons	4/21/93					
ST #3A	X	NMFS	Petroleum Hydrocarbons in Near-Surface Seawater of PWS: Chemical Sampling & Analysis	4/21/93	3/20/93	Boehm Steinhauer			
ST #3B	X	ADEC	Sediment Traps - Bioavailability and Transport of Hydrocarbons in Nearshore Water Column	May-93					
ST #4	X	NMFS	Fate & Toxicity of spilled oil from EVOS	5/22/93					
ST #5		ADF&G	Shrimp - Injury to PWS Spot Shrimp	2/1/93	10/30/92	Peterson	11/13/92	11/13/92	
ST #6	X	ADF&G	Injury to Demersal Rockfish and Shallow Reef Habitats in PWS - DRAFT	12/31/92	3/1/93	SPIES-Chief Sci	3/3/93	3/3/93	
ST #7	X	NMFS	Demersal Fishes - Assessment of Oil Spill Impacts on Fishery Resources; Measurement of Hydrocarbons and Their Metabolites and their Effects in Important Species	11/30/92	12/15/92	Stegeman	not complete		
ST #8		NMFS	Mussel Tissue & Sediment Hydrocarbon Data Synthesis	5/15/93					

PAGE 6 - Report Progress Schedule					PROPOSED DATE	DATE RECVD	PEER	DATE REVIEW	DATE SENT	DATE
STUDY #	CLOSEOUT FUNDS	RESPONSIBLE AGENCY	TITLE		SENT TO AMS	BY AMS	REVIEWER'S	COMPLETED	TO P.I.	ACCEPTED CHIEF SCL
TECHNICAL SERVICES										
T/S #1		NMFS	Hydrocarbon Analytical Support Services and Analysis of Distribution and Weathering of Spilled Oil		4/22/93					
TERRESTRIAL MAMMALS										
T/M #3	X	ADF&G	Assessment of the Effects of the EVOS on River Otter and Mink in Prince William Sound		2/15/93					

MAY - 4 - 93 TUE 13:50

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EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

**SEAL BAY PROPOSAL
HABITAT PROTECTION/ACQUISITION
PROPOSAL OPTIONS & ANALYSIS**

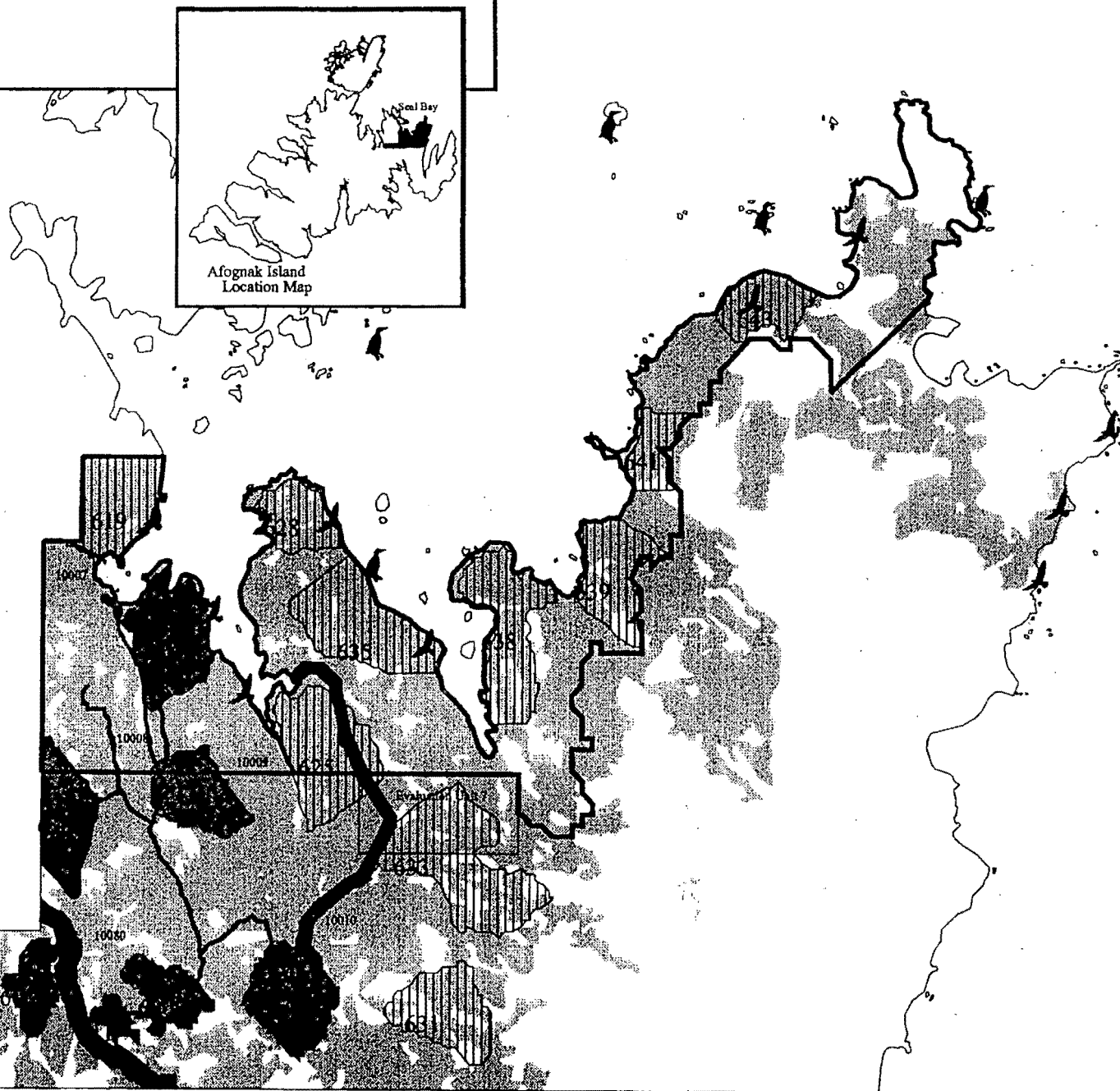
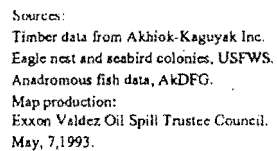
MAY 13, 1993

Table of Contents

ITEM	SECTION
Option Analysis Summary	1
Seal Bay Option Ranking Analysis	
Side-by Side Comparison of Acquisition Options	
Option Analysis.....	2
Option 1, Coastal Fringe	
Map and Analysis	
Option 2, Extended Coastal Fringe	
Map and Analysis	
Option 3, Entire Parel	
Map and Analysis	
Supporting Documentation	4
Evaluation/Ranking Criteria adopted 2/16/93	
Parcel Ranking and Acreage Summary 2/16/93	

OPTION 1
COASTAL FRINGE

SEAL BAY - OPTION 1



HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 1		PARCEL NAME: Seal Bay (Coastal Fringe)	
LANDOWNER: Akhiok-Kaguyak /Old Harbor dba Seal Bay Timber Company		¹ PARCEL ACREAGE: 4,004	² TOTAL ACREAGE: 253,000
			³ AFFECTED ACREAGE: 3,156
INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT	
Anadromous Fish	Moderate	Four documented anadromous streams, three streams fully within parcel, one stream partially on parcel; two off parcel streams could be protected by expanded buffers; pink, sockeye, coho, Dolly Varden, steelhead.	
Bald Eagle	High	Eight documented active nest sites; feeding and roosting along shoreline.	
Black Oystercatcher	Moderate	Feeding in intertidal; probable nesting along shoreline and nearshore islets.	
Common Murre	None		
Harbor Seal	Moderate	Area historically supported large numbers of seals. Feeding in nearshore waters and haul-outs on nearshore rocks.	
Harlequin Duck	Moderate	Up to 64 birds observed in Seal Bay. Nearshore habitat appears good for feeding and molting. Protection of potential nesting habitat would require expanded buffers on anadromous streams.	

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 1		PARCEL NAME: Seal Bay (Coastal Fringe)
Intertidal/subtidal biota	Moderate	Productive sheltered rocky intertidal and shallow subtidal habitat. Steep slopes adjacent to intertidal may become source of erosion sedimentation. No documented oiling of shoreline.
Marbled Murrelet	Low	High confidence that nesting occurs on parcel; high use of adjacent marine waters for feeding; logging to south and west of parcel may degrade nesting characteristics; parcel probably not adequate size to maintain nesting by all birds currently using area; linear edge effect and logging disturbance on south side of parcel may increase predation and discourage nesting.
Pigeon Guillemot	Moderate	Documented nesting of up to 36 birds on or immediately adjacent to parcel; feeding in nearshore waters.
River Otter	Moderate	Probable feeding and latrine sites along shoreline. Habitat characteristics appear very favorable for river otters.
Sea Otter	Moderate	Known concentration area off Tolstoi Point. Feeding in nearshore waters.
Recreation/Tourism	Moderate	Area has historically supported high value wilderness-based recreation for boats and lodge. Parcel encompasses large portion of forest visible from Seal Bay. Access available to western portion of parcel via private road.

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 1		PARCEL NAME: Seal Bay (Coastal Fringe)
Wilderness	Low	Wilderness characteristics have declined due to recent clearcuts and road; clearcuts and roads on parcel and adjacent land will be visible from Seal Bay. Parcel too small to adequately protect wilderness characteristics.
Cultural Resources	Moderate	Six archeological sites documented on parcel.
Subsistence	Low	Marine invertebrates, deer, elk, marine mammals.
<p>ECOLOGICAL SIGNIFICANCE: This parcel contains an average 0.3 mile fringe of mature forest habitat adjacent to highly productive marine waters; considered to be the minimum area which could ecologically benefit recovery of injured resources. Parcel encompasses approximately three-fifths of the shoreline contained on Seal Bay Timber property. Streams within the parcel support a diversity of anadromous fish. Protection of stream #10010 is minimal without expanded buffer upstream of parcel. Forests on this parcel are believed to provide high value marbled murrelet and bald eagle nesting habitat. Recreation values along the Seal Bay shoreline, particularly for fishing, hunting, and non-consumptive uses are good. Parcel supports moderate to high concentrations of non-injured species including deer, elk, and brown bear.</p>		
<p>ADJACENT LAND MANAGEMENT: Afognak Joint Venture to west. Seal Bay Timber to the south (managed primarily for timber harvest and tree farming).</p>		
<p>IMMINENT THREAT/OPPORTUNITY: Commercial forest stands on this parcel are being logged as an extension of ongoing timber management by Koncor Forest Products (four harvest units have been identified in 1993 FPA notification, four additional units have been preliminarily identified). Akhiok-Kaguyak has offered to sell this parcel to the Trustee Council in one of three options for habitat protection.</p>		
<p>PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitat associated with three anadromous fish streams (plus two additional streams with expanded buffer option); 2) minimize loss of marbled murrelet and bald eagle nesting habitat; 3) minimize disturbance to harbor seal, sea otter, river otter, harlequin duck, pigeon guillemot, and intertidal/subtidal biota, 4) minimize loss of wilderness-based recreational opportunities; 5) protect high value deer, elk, and brown bear habitat.</p>		

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 1	PARCEL NAME: Seal Bay (Coastal Fringe)
USEFUL PROTECTION TOOL(S): Fee title acquisition; timber acquisition; conservation easement.	

1. Area evaluated.
2. Estimated acreage held by the owner in the spill area.
3. Estimated commercial forest area.

OPTION 2
EXPANDED COASTAL FRINGE

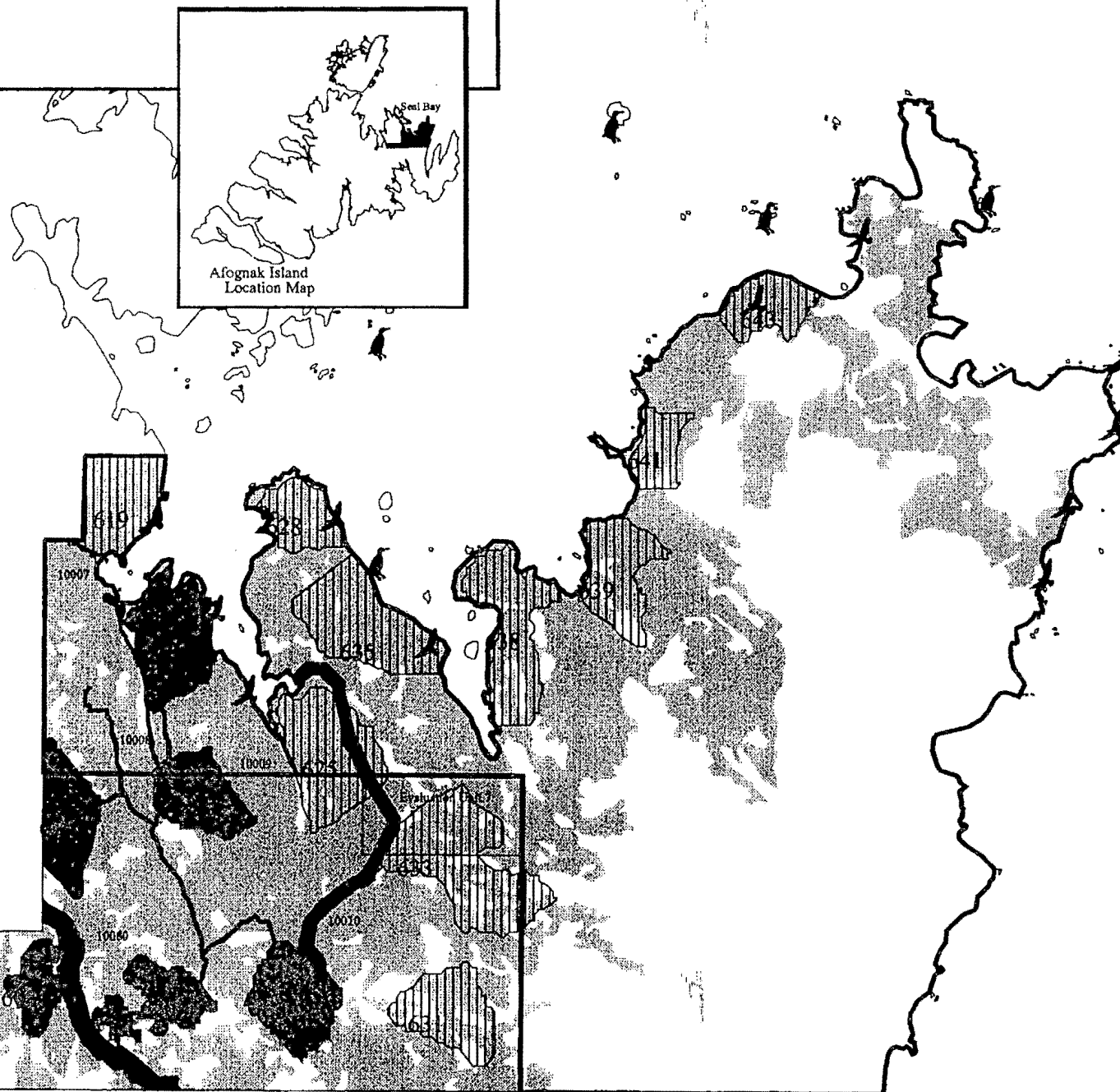
HABITAT ACQUISITION EVALUATION

SEAL BAY - OPTION 2

-  Road Corridor
-  Anadromous Stream Buffer
-  Expected Harvest Areas
-  Harvested Areas
-  Commercial Timber
-  Eagle Nests
-  Seabird Colonies
-  Anadromous Streams
-  Option Boundary

Scale 1:63360

Sources:
Timber data from Akhiok-Kaguyak Inc.
Eagle nest and seabird colonies, USFWS.
Anadromous fish data, AKDFG.
Map production:
Exxon Valdez Oil Spill Trustee Council.
May, 7, 1993.



HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 2		PARCEL NAME: Seal Bay (Expanded Coastal Fringe)	
LANDOWNER: Akhiok-Kaguyak /Old Harbor dba Seal Bay Timber Company		¹ PARCEL ACREAGE: 11,461	² TOTAL ACREAGE: 253,000
			³ AFFECTED ACREAGE: 4,743
INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT	
Anadromous Fish	Moderate	Four documented anadromous streams, three streams fully within parcel, one stream partially on parcel: two off parcel streams could be protected by expanded buffers; pink, sockeye, coho, Dolly Varden, steelhead.	
Bald Eagle	High	Eleven documented active nest sites; feeding and roosting along shoreline.	
Black Oystercatcher	Moderate	Feeding in intertidal; probable nesting along shoreline and nearshore islets.	
Common Murre	None		
Harbor Seal	Moderate	Area historically supported large numbers of seals. Feeding in nearshore waters and haul-outs on nearshore rocks.	
Harlequin Duck	Moderate	Up to 64 birds observed in Seal Bay. Nearshore habitat appears good for feeding and molting. Protection of potential nesting habitat would require expanded buffers on anadromous streams.	

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 2		PARCEL NAME: Seal Bay (Expanded Coastal Fringe)
Intertidal/subtidal biota	Moderate	Productive sheltered rocky intertidal and shallow subtidal habitat. Steep slopes adjacent to intertidal may become source of erosion sedimentation. No documented oiling of shoreline.
Marbled Murrelet	Moderate	High confidence that nesting occurs on parcel; high use of adjacent marine waters for feeding; nesting habitat characteristics are moderately well maintained by forested buffer on east side of parcel; habitat fragmentation and edge effect occurring from existing and proposed logging on south and west side of parcel may diminish some nesting use.
Pigeon Guillemot	Moderate	Documented nesting of up to 36 birds on or immediately adjacent to parcel; feeding in nearshore waters.
River Otter	Moderate	Probable feeding and latrine sites along shoreline. Possible denning. Habitat characteristics appear very favorable for river otters.
Sea Otter	Moderate	Known concentration area off Tolstoi Point. Feeding in nearshore waters.
Recreation/Tourism	Moderate	Area has historically supported high value wilderness-based recreation for boats and lodge. Access to western portion of parcel available via private road.

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 2	PARCEL NAME: Seal Bay (Expanded Coastal Fringe)	
Wilderness	Moderate	Wilderness characteristics in western portion of parcel have declined due to recent clearcuts and road; clearcuts and roads on parcel and adjacent land are visible from Seal Bay; wilderness characteristics in eastern portion of parcel will be maintained.
Cultural Resources	Moderate	Six archeological sites documented on parcel.
Subsistence	Low	Marine invertebrates, deer, elk, marine mammals.
<p>ECOLOGICAL SIGNIFICANCE: This parcel contains a relatively intact mature forest ecosystem adjacent to highly productive marine waters. Parcel contains all shoreline habitat in Seal Bay Timber property. Streams within the parcel support a diversity of anadromous fish. Protection of stream #10010 is minimal without expanded buffer upstream of parcel. Forests on this parcel are believed to provide high value marbled murrelet and bald eagle nesting habitat. Recreation values, particularly for fishing, hunting, and non-consumptive uses are high. Parcel supports high value habitat for non-injured species including deer, elk, and brown bear. Parcel is of adequate size to substantially benefit injured resources and services.</p>		
<p>ADJACENT LAND MANAGEMENT: Afognak Joint Venture to northwest: Seal Bay Timber and Ouzinkie to south and west (managed primarily for timber harvest and tree farming).</p>		
<p>IMMINENT THREAT/OPPORTUNITY: Commercial forest stands on this parcel are being logged as an extension of ongoing timber management by Koncor Forest Products (eight harvest units have been identified). Akhiok-Kaguyak has offered to sell this parcel to the Trustee Council in one of three options for habitat protection.</p>		
<p>PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitat associated with three anadromous fish streams (plus two additional streams with expanded buffer option); 2) maintain marbled murrelet and bald eagle nesting habitat; 3) avoid disturbance to harbor seal, sea otter, river otter, harlequin duck, pigeon guillemot, and intertidal/subtidal biota; 4) maintain wilderness-based recreational opportunities; 5) maintain significant portion of high value habitat for deer, elk, and brown bear.</p>		

HABITAT PROTECTION PARCEL ANALYSIS



PARCEL #: KAP 01-Option 2	PARCEL NAME: Seal Bay (Expanded Coastal Fringe)
USEFUL PROTECTION TOOL(S): Fee title acquisition; timber acquisition; conservation easement.	

1. Area evaluated.
2. Estimated acreage held by the owner in the spill area.
3. Estimated commercial forest area.

OPTION 3
ENTIRE PARCEL

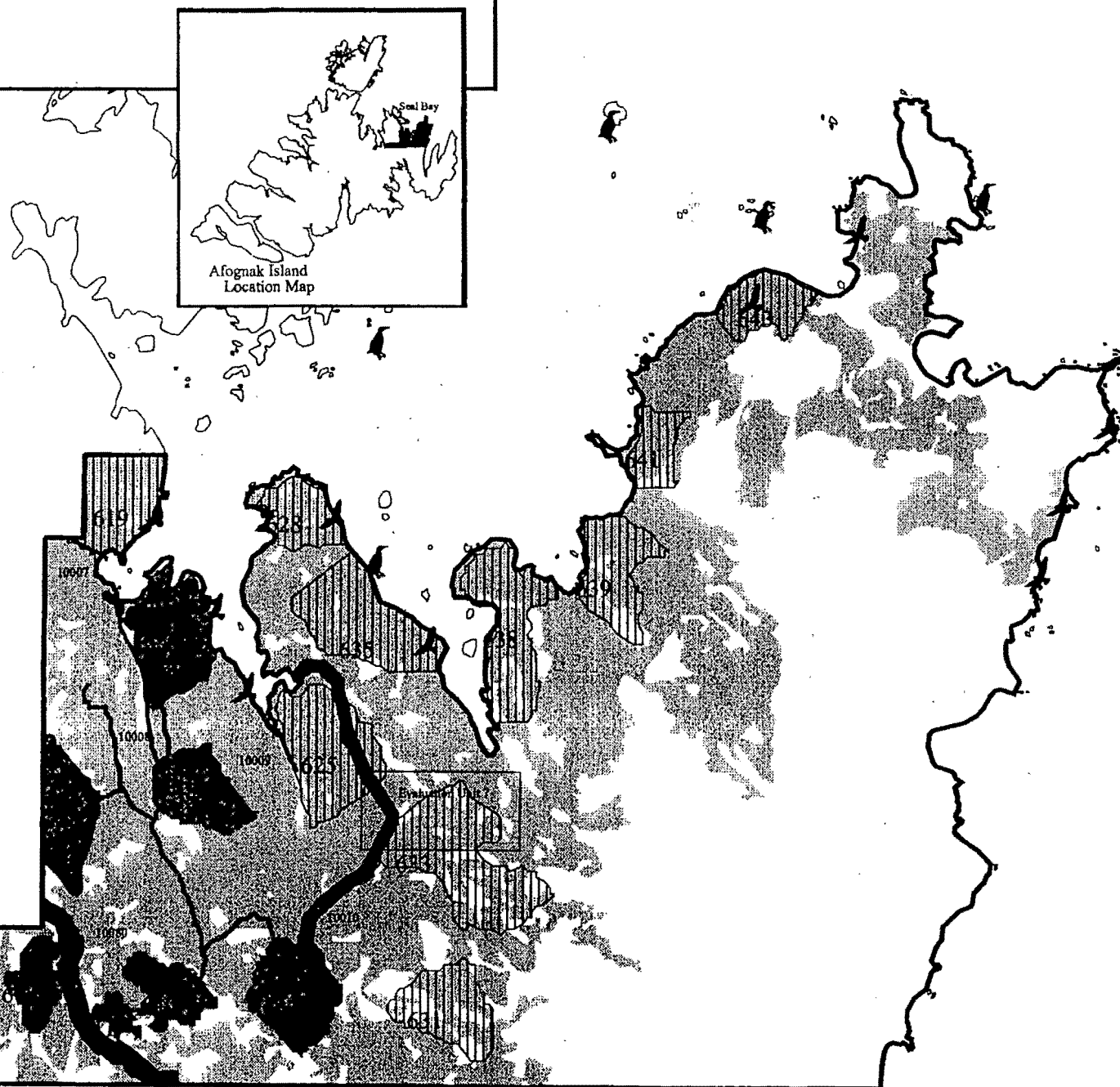
HABITAT ACQUISITION EVALUATION

SEAL BAY - OPTION 3

-  Road Corridor
-  Anadromous Stream Buffer
-  Expected Harvest Areas
-  Harvested Areas
-  Commercial Timber
-  Eagle Nests
-  Seabird Colonies
-  Anadromous Streams
-  Option Boundary

Scale 1:63360

Sources:
 Timber data from Akhiuk-Kaguyak Inc.
 Eagle nest and seabird colonies, USFWS.
 Anadromous fish data, AKDFG.
 Map production:
 Exxon Valdez Oil Spill Trustee Council.
 May, 7, 1993.



HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 3		PARCEL NAME: Seal Bay (Entire Parcel)	
LANDOWNER: Akhiok-Kaguyak /Old Harbor dba Seal Bay Timber Company		¹ PARCEL ACREAGE: 17,391	² TOTAL ACREAGE: 253,000
			³ AFFECTED ACREAGE: 8,443
INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT	
Anadromous Fish	Moderate	Six documented anadromous streams; pink, sockeye, coho, Dolly Varden, steelhead.	
Bald Eagle	High	Eleven documented active nest sites; feeding and roosting along shoreline.	
Black Oystercatcher	Moderate	Feeding in intertidal; probable nesting along shoreline and nearshore islets.	
Common Murre	None		
Harbor Seal	Moderate	Area historically supported large numbers of seals. Feeding in nearshore waters and haul-outs on nearshore rocks.	
Harlequin Duck	Moderate	Up to 64 birds observed in Seal Bay. Nearshore habitat appears good for feeding and molting. Potential for nesting appears low.	
Intertidal/subtidal biota	Moderate	Productive sheltered rocky intertidal and shallow subtidal habitat. Steep slopes adjacent to intertidal may become source of erosion sedimentation. No documented oiling of shoreline.	

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 3		PARCEL NAME: Seal Bay (Entire Parcel)
Marbled Murrelet	High	High confidence that nesting occurs on parcel; high use of adjacent marine waters for feeding; good nesting habitat characteristics in forest areas; adjacent area on AJV land has highest nesting habitat characteristics in spill-area; logging has fragmented some forest stands which has diminished nesting characteristics in some areas.
Pigeon Guillemot	Moderate	Documented nesting of up to 36 birds on or immediately adjacent to parcel; feeding in nearshore waters.
River Otter	Moderate	Probable feeding and latrine sites along shoreline. Possible denning. Habitat characteristics appear very favorable for river otters.
Sea Otter	Moderate	Known concentration area off Tolstoi Point. Feeding in nearshore waters.
Recreation/Tourism	Moderate	Area has historically supported high value wilderness-based recreation for boats and lodge. Access was previously difficult but is now road accessible.
Wilderness	Moderate	Wilderness characteristics have declined due to recent clearcuts and road; timber harvest and roads are visible from Seal Bay; wilderness characteristics in remaining portion of parcel will be maintained.

HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KAP 01-Option 3	PARCEL NAME: Seal Bay (Entire Parcel)	
Cultural Resources	Moderate	Six archeological sites documented on parcel.
Subsistence	Low	Marine invertebrates, deer, elk, marine mammals.
<p>ECOLOGICAL SIGNIFICANCE: This parcel contains mature forest habitat adjacent to highly productive marine waters. An estimated 1,190 acres (7% of commercial forest habitat) have been logged. Streams within the parcel support a diversity of anadromous fish. Forests on this parcel are believed to provide high value marbled murrelet nesting habitat. Acquisition of entire parcel would stop fragmentation which is probably diminishing nesting use. Recreation values, particularly for fishing, hunting, and non-consumptive uses are high. Parcel supports high numbers of non-injured species including deer, elk, and brown bear.</p>		
<p>ADJACENT LAND MANAGEMENT: Afognak Joint Venture to west; Ouzinkie Corporation to south (managed primarily for timber harvest and tree farming).</p>		
<p>IMMINENT THREAT/OPPORTUNITY: Commercial forest stands on this parcel are being logged as part of ongoing timber management by Koncor Forest Products. Akhiok-Kaguyak has offered to sell this parcel to the Trustee Council as one of three options for habitat protection.</p>		
<p>PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitat associated with five anadromous fish streams; 2) maintain marbled murrelet and bald eagle nesting habitat; 3) minimize disturbance to harbor seal, sea otter, river otter, harlequin duck, pigeon guillemot, and intertidal/subtidal biota; 4) maintain and enhance wilderness-based recreational opportunities; 5) maintain and promote continued use by non-injured wildlife including elk, deer, and brown bear; 6) rehabilitate logged areas to enhance wildlife use and service values.</p>		
<p>USEFUL PROTECTION TOOL(S): Fee title acquisition; timber acquisition; conservation easement.</p>		

1. Area evaluated.
2. Estimated acreage held by the owner in the spill area.
3. Estimated commercial forest.

SUPPORTING DOCUMENTS

Evaluation/Ranking Criteria

- 1) The parcel contains essential habitat(s)/sites for injured species or services. Essential habitats include feeding, reproductive, molting, roosting, and migration concentrations; essential sites include known or presumed high public use areas. Key factors for determining essential habitat/sites are: (a) population or number of animals or number of public users, (b) number of essential habitats/sites on parcel, and (c) quality of essential habitats/sites.
- 2) The parcel can function as an intact ecological unit or essential habitats on the parcel are linked to other elements/habitats in the greater ecosystem.
- 3) Adjacent land uses will not significantly degrade the ecological function of the essential habitat(s) intended for protection.
- 4) Protection of the habitats on parcel would benefit more than one injured species/service (unless protection of a single species/service would provide a high recovery benefit).
- 5) The parcel contains critical habitat for a depleted, rare, threatened, or endangered species.
- 6) Essential habitats/sites on parcel are vulnerable or potentially threatened by human activity.
- 7) Management of adjacent lands is, or could easily be made compatible with protection of essential habitats on parcel.
- 8) The parcel is located within the oil spill affected area.

PARCEL RANKING AND ACREAGE SUMMARY

RANK	PARCEL #	NAME	ACREAGE	SCORE
<i>Imminent Threat Parcels</i>				
1	CIK 01	China Poot, Kachemak Bay	7,500	45
2	KAP 01	Seal Bay, Afognak I.	15,000	30
3	PWS 04	Fish Bay, Port Fidalgo	1,700	27
4	PWS 02	Power Creek, Cordova	1,300	24
5	CIK 05	Lower Kenai Peninsula	3,000	22.5
6	PWS 06	Patton Bay, Montague I.	3,300	18
7	PWS 03	Two Moon Bay, Port Fidalgo	2,100	14
8	PWS 01	Orca Narrows / Nelson Bay	3,500	12
9	KAP 03	Izhut Bay, Afognak I.	1,000	10
9	KAP 04	Kazakof Bay, Afognak I.	1,500	10
10	CIK 04	Port Graham Allotments	200	8
11	CIK 02	Sadie Cove, Kachemak Bay	400	7.5
12	CIK 03	Jakalof Bay, Kachemak Bay	600	6
12	KAP 02	Pauls Lake, Afognak I.	500	6
13	PWS 05	Eyak River, Cordova	100	5
14	CIK 07	Rocky Bay	100	3
15	KAP 05	Danger Creek, Afognak I.	120	1
15	KAP 06	Paramanof Cr., Afognak I.	500	1
16	CIK 06	Windy Bay	400	0
TOTAL IMMINENT THREAT ACRES			42,320	
<i>Opportunity Parcels</i>				
1	PWS 07	Chenega I./Eshamy/Jackpot	57,000	60
2	KAP 08	Shuyak Strait, Afognak I.	51,000	48
3	KAP 07	Alitak Bay, Kodiak I.	230,000	30
TOTAL OPPORTUNITY ACRES			338,000	
TOTAL ACRES ANALYZED			380,320	

OPTION ANALYSIS

OPTION ANALYSIS SUMMARY

SEAL BAY OPTION RANKING ANALYSIS

PARCEL		RANKING CRITERIA								
#	NAME	1	2	3	4	5	6	7	8	SCORE ²
KAP 01_3	Seal Bay (Entire parcel)	2-H, 11-M	Y	N	Y	N	Y	N	Y	30
KAP 01_2	Seal Bay (Expanded coastal parcel)	1-H, 12-M	Y	N	Y	N	Y	N	Y	28
KAP 01_1	Seal Bay (Coastal fringe parcel)	1-H, 10-M	N	N	Y	N	Y	N	Y	18

1. Refer to Interim Evaluation and Ranking Criteria.

Criteria 2 - 8

N = No (does not meet criteria)

Y = Yes (does meet criteria)

Criteria 1 from table: "Criteria for Rating Benefit of Parcel to Injured Resources/Services"

H = High Benefit

M = Moderate Benefit

L = Low Benefit (not included in this analysis)

2. Scoring Formula: Parcel Score = (Sum of H + (0.5 x Sum of M)) x Sum of Y

Example: KAP 08 Score = (3 + (0.5 x 10)) x 6 = (3 + 5) x 6 = 48

Note: Formula emphasizes degree of linkage to injured resource/service.

SIDE-BY-SIDE COMPARISON OF SEAL BAY ACQUISITION OPTIONS

KAP 01	OPTION 1	OPTION 2	OPTION 3
NAME	Coastal Fringe	Expanded Coastal Fringe	Entire Parcel
PARCEL ACREAGE	4,004	11,461	17,391
COMMERCIAL FOREST ACRES	3,156	4,743	8,443
PERCENT COMMERCIAL FOREST	79%	41%	49%
¹ HARVESTED ACREAGE	241	241	1,190
PERCENT HARVESTED	6%	2%	7%
LINEAR MILES OF SHORELINE	21	30	30
SCORE	18	28	30
PROPOSED EXPANDED STREAM BUFFER ACRES	196	196	0
COMMERCIAL FOREST IN EXPANDED BUFFERS (LESS 66 FOOT EXCLUSION)	91 (65)	91 (65)	0

¹ Estimated acreage previously harvested in cutting units and road corridors.

SEAL BAY OPTION RANKING ANALYSIS

PARCEL		RANKING CRITERIA								
#	NAME	1	2	3	4	5	6	7	8	SCORE ²
KAP 01_3	Seal Bay (Entire parcel)	2-H, 11-M	Y	N	Y	N	Y	N	Y	30
KAP 01_2	Seal Bay (Expanded coastal parcel)	1-H, 12-M	Y	N	Y	N	Y	N	Y	28
KAP 01_1	Seal Bay (Coastal fringe parcel)	1-H, 10-M	N	N	Y	N	Y	N	Y	18

1. Refer to Interim Evaluation and Ranking Criteria.

Criteria 2 - 8

N = No (does not meet criteria)

Y = Yes (does meet criteria)

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KAP 01	OPTION 1	OPTION 2	OPTION 3
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¹ Estimated acreage previously harvested in cutting units and road corridors.