1. J. Evans

1/10/94

WHO: Exxon Valdez Oil Spill Environmental Impact Statement (EIS) Project Meeting

WHEN: Beginning at 7:00pm (if you need an ending time use 9:00pm), January 27th

WHERE: TC meeting room

The meeting is to provide the public with an additional opportunity to provide input into the formulation of alternatives for a Draft EIS to the Draft Restoration Plan. Comments on the Restoration Plan alternatives that were submitted to the Trustee Council from April to August 1993 are being evaluated for the Draft EIS.

For additional information contact Rod Kuhn, EIS Project Manager, at 907/278-8012.

How often: Once only in all papers...including Anchorage.

Who pays: ADEC gets this round, USFS may pick up the next one.

Any more questions: Ask Rod at 271-2325

# **Newspapers for Trustee Council Display Ads**

Purpose of ad: \_\_January 27, 1994 EIS Scoping Meeting

NEWSPAPER	PHONE/FAX	PUB DAY	DEADLINE	AD DATES
Alaska Newspapers Attn: Jerry McKee 503 E Sixth Avenue Anchorage, AK 99501  Handles all ads for Cordova Times, Seward Phoenix Log and Valdez	272-9830 FAX 272-9512	Thursday	Wed 5 pm Week before	
Vanguard. Karen Hunter is manager of advertising				
Anchorage Daily News Attn: Sherry Conway P.O. Box 149001 Anchorage, AK 99514- 9001	257-4250 FAX 258-4774	Daily Account #: STOF 0506	4 days prior 5:00 p.m. Sunday deadline Tuesday 5:00 pm	,
Cordova Times c/o Alaska Newspapers Attn: Jerry McKee 503 E Sixth Avenue Anchorage, AK 99501	272-9830 FAX 272-9512	Thursday	Wed 5 pm Week before	
Cordova Times Attn: Elia Tobar P.O. Box 200 Cordova, AK 99574	424-7181 FAX 424-5799			
Fairbanks News Miner Attn: Linda Angel Box 710 Fairbanks, AK 99707	456-6661 FAX 452-7917 or 452-5054	Sun-Fri	3 working days	
Homer News Attn: Sue Wohlgemuth 3482 Landings Street Homer, AK 99603	235-7767 FAX 235-4199	Thursday	Monday 6 p.m.	

<u>NEWSPAPER</u>	PHONE/FAX	PUB DAY	DEADLINE	AD DATES
		· .		
Juneau Empire Attn: Caralee Lonsdale 3100 Channel Drive Juneau, AK 99801	586-3740 FAX 586-9097	Mon-Fri, Evening paper	3 days prior, 2 p.m.	
Kodiak Daily Mirror Attn: Amy Willis 1419 Sellig St. Kodiak, AK 99615	486-3227 FAX 486-3088	Mon-Fri	2 days prior, 3 p.m.	
Peninsula Clarion Attn: Stacy or Linda Bell P.O. Box 3009 Kenai, AK 99611	283-7551 FAX 283-3299	Mon-Fri	3 days prior, noon	
Seward Phoenix Log c/o Alaska Newspapers Attn: Jerry McKee 503 E Sixth Avenue Anchorage, AK 99501	272-9830 FAX 272-9512	Thursday	Wed 5 pm Week before	
Seward Phoenix Log Attn: Nancy P.O. Box 89 Seward, AK 99664	224-5713 FAX 224-3157			
Valdez Vanguard c/o Alaska Newspapers Attn: Jerry McKee 503 E Sixth Avenue Anchorage, AK 99501	272-9830 FAX 272-9512	Thursday	Wed 5 pm Week before	
Valdez Vanguard Attn: Louise Parish P.O. Box 98	835-2211			
Valdez, AK 99686	FAX 835-5101			
Valdez Star Attn: Jean P.O. Box 367 Valdez, AK 99686	835-2405 FAX 835-3882	Friday	Monday noon	
No need to place ads in Valdez Star, per Dave Bruce, July 1993				

January 10, 1994

### Estimated Ad Costs

### Molly:

This is an estimate in response to your question this moming. It would not be valid for determining the cost of Trustee, PAG, or other group meetings. It would probably be low for any ad of this size, because of some newspapers tendency to increase the size of the ad and bill for the larger size (see comments at the end).

ad size: 2 columns by 3 inches

frequency: one time

Anchorage Daily News	\$264.60
Cordova Times	42.00
Fairbanks Daily News-Miner	79.38
Homer News	34,00
Juneau, Empire	79.02
Kodiak Daily Mirror	39.66
Peninsula Clarion	52.00
Seward Phoenix Log	42.00
Valdez Vanguard	42.00*
Valdez Star	34.80*
	\$674.66

<sup>\*</sup> We stopped using the Valdez Star for a period of time because of billing problems. Those problems have been remedied and we now alternate with the Valdez Vanguard.

Note: these ads are all corrected for a 2 column by 3" format. We usually request a 2 column by 3" many of the papers use a larger format and bill us accordingly. At other times our ad is quite large and may run ten to twenty column inches per column. We generally run the ads at least twice for each meeting.

## **Exxon Valdez Oil Spill Trustee Council**

**Restoration Office** 

645 G Street, Suite 402, Anchorage, Alaska 99501 Phone: (907) 278-8012 Fax: (907) 276-7178



## PUBLIC SERVICE ANNOUNCEMENT

Date:

January 7, 1994

Subject:

Exxon Valdez Oil Spill Public Advisory Group Meeting

Contact:

**Doug Mutter 271-5011** 

### EXXON VALDEZ OIL SPILL PUBLIC ADVISORY GROUP MEETING

The Exxon Valdez Oil Spill Public Advisory Group will meet on Tuesday, January 11, 1994, beginning at 9:30 AM at the Oil Spill Public Information Center, 645 G. Street in Anchorage. The public is welcome to attend.

There will be a public comment session on Tuesday, January 11 from 11:30 AM - 12:15 PM. The agenda will include status reports on restoration activities and a review of the Draft 1994 Work Plan.

The Public Advisory Group advises the Exxon Valdez Oil Spill Trustee Council on decisions relating to the planning, evaluation and conduct of injury assessment and restoration activities. The Public Advisory Group consists of seventeen members and reflects representation from the public at large and the following principal interests: aquaculture, commercial fishing, commercial tourism, environmental, conservation, forest products, local government, native landowners, recreational users, sport hunting and fishing, subsistence, and science/academia.

Persons with a disability who may need a special modification in order to participate in this meeting should contact L.J. Evans or Carrie Holba at 278-8008 to make any necessary arrangements. For more detailed information on the role of the Public Advisory Group or a copy of the agenda, contact Doug Mutter, U.S. Department of the Interior at 907/271-5011.

###

## EXXON VALDEZ TRUSTEE COUNCIL MEETING 9:00 AM, TUESDAY, NOVEMBER 30 645 G Street, Anchorage

The next meeting of the Exxon Valdez Restoration Trustee Council will take place on Tuesday, November 30, beginning at 9:00 AM at the Oil Spill Public Information Center, 645 G Street in Anchorage. If necessary, the meeting will continue on Wednesday, December 1. The public is welcome to attend.

- A public comment session is scheduled from 4:00 to 5:30 PM on Tuesday, November 30.
- The agenda includes the draft restoration plan, comprehensive habitat protection evaluations and negotiations options, 1994 Draft Work Plan, status report of the 1993 shoreline assessment project, and ecosystem study plan status report.
- Access by teleconference will be available at the Legislative Information Offices or Volunteer Teleconference Centers in Chenega Bay, Cordova, Fairbanks, Homer, Juneau, Kodiak, Seward, Soldotna, Tatitlek, Valdez and Whittier.
- Persons with a disability who may need a special modification in order to participate in this meeting should contact L.J. Evans or Carrie Holba at 278-8008 to make any necessary arrangements. To obtain a copy of the agenda or additional information, please contact the Oil Spill Public Information Center, 645 G St, Anchorage, AK 99501, or call 278-8008 (toll free within Alaska at 1-800-478-7745).

EIS Project

## EXXON VALDEZ OIL SPILL PUBLIC ADVISORY GROUP MEETING 9:30 AM, TUESDAY, JANUARY 11 645 G STREET, ANCHORAGE

A meeting of the Exxon Valdez Oil Spill Public Advisory Group will take place on Tuesday, January 11, 1994, beginning at 9:30 AM at the Oil Spill Public Information Center, 645 G Street in Anchorage. The meeting is scheduled to continue on Wednesday, January 12, from 8:30 AM until noon. The public is welcome to attend.

- The agenda will include status reports on restoration activities and a review of the Draft 1994 Work Plan.
- There will be a public comment session on Tuesday, January 11 from 11:30 AM 12:15 PM.
- Persons needing a special modification in order to participate in this meeting should contact L.J. Evans or Carrie Holba at 278-8008 to make any necessary arrangements.

• For additional information contact Doug Mutter, U.S. Department of the Interior, at 907/271-5011.

278-8012

7:00 = 9:00 Rebecca Used in the familiation

# EIS stuff

Ken Rice re-evaluate environmental issues; suggested we bok at
the most liberal alternative under CECIA, state the
desired future condition,

Change acquisition to protection. Need to grord proposing NEPA for past purchases.

Consider the duration of the restoration program in the alternatives.

Verify with Broderson that budget shows \$350,000.

Need project description.

Gibbons-Use 116131 through March.

Have L.J. do news release & advertisement. What be printed in village newspapers until the 20th

January 5, 1994

			Agency Breakdown					
Personnel	Duration (Months)	Cost (x\$1,000)	USDA	DOI	NOAA	State		
IDT Leader	11	77	77					
Biologist	8	33.6	33.6	<b></b>				
Biologist (Bird)	8	37.8		37.8				
Biologist (Fish)	6	43.8				43.8		
Sociologist/Subsistence Specialist	3	13.5	13.5					
Economist	2	14			14			
Editorial Support	4	16.8		16.8				
Subtotal		236.5	124.1	54.6	14	43.8		
Travel		20	20					
Contractual								
Printing		42.8	42.8					
Commodities								
GIS		5				5		
Subtotal		304.3	186.9	54.6	14	48.8		
General Administration		45.8	28.1	8.2	2.1	7.4		
TOTAL		350.1	215.0	62.8	16.1	56.2		

### Restoration Plan EIS Schedule (1/6/94)

ID	Name	Duration	Scheduled Start	Scheduled Finish
1	RESTORATION PLAN EIS SCHEDULE - rev. 1/6/94	246d	11/28/93 8:00am	11/16/94 5:00pm
2	Trustee Council Select Proposed Action	1d	11/28/93 8:00am	11/29/93 5:00pm
3	Revised Federal Register Notice to Develop EIS	12d	12/13/93 8:00am	12/28/93 5:00pm
4	Scoping on Proposed Action	21d	1/6/94 8:00am	2/4/94 5:00pm
5	Analyze Comments	14d	1/18/94 8:00am	2/4/94 5:00pm
6	Develop Alternatives	23d	12/29/93 8:00am	1/31/94 5:00pm
7	Edit "Purpose and Need" Chapter	14d	1/10/94 8:00am	1/28/94 5:00pm
8	Trustee Council - Approve EIS Project (Funding, etc.)	1d	1/31/94 8:00am	1/31/94 5:00pm
9	Edit " Affected Environment" Chapter	10d	2/7/94 8:00am	2/18/94 5:00pm
10	Analyze Alternatives	38d	2/1/94 8:00am	3/25/94 5:00pm
11	Write Preliminary DEIS	19d	3/29/94 8:00am	4/22/94 5:00pm
12	Edit Preliminary DEIS	19d	3/28/94 8:00am	4/22/94 8:00am
13	Agency/RT/Legal Review of Preliminary DEIS	10d	4/25/94 8:00am	5/6/94 5:00pm
14	TC Meeting to Approve DEIS	1d	5/9/94 8:00am	5/9/94 5:00pm
15	Final Edits of DEIS	10d	5/9/94 8:00am	5/20/94 5:00pm
16	Print and Distribute	16d	5/23/94 8:00am	6/13/94 5:00pm
17	Federal Register Notice of Availability	1d	6/17/94 8:00am	6/17/94 5:00pm
18	45-day Public Comment Period	30d	6/20/94 8:00am	8/1/94 5:00pm
19	Analyze Comments and Revise EIS	25d	7/8/94 8:00am	8/11/94 5:00pm
20	Agency/RT/Legal Review of Preliminary FEIS	8d	8/12/94 8:00am	8/23/94 5:00pm
21	TC Meeting to Approve FEIS	1d	8/23/94 8:00am	8/23/94 5:00pm
22	Final Edit Changes to FEIS	12d	8/24/94 8:00am	9/9/94 5:00pm
23	Print and Distribute FEIS	14d	9/12/94 8:00am	9/29/94 5:00pm
24	Federal Register Notice of Availability	1d	9/30/94 8:00am	9/30/94 5:00pm
25	Write Record of Decision	9d	10/3/94 8:00am	10/14/94 5:00pm
26	Agency/Legal Review of Record of Decision	5d	10/17/94 8:00am	10/21/94 5:00pm
27	TC Meeting to Finalize Record of Decision	1d	10/24/94 8:00am	10/24/94 5:00pm
28	Sign and Implement Decision (R.O.D.)	1d	10/31/94 8:00am	10/31/94 5:00pm
29	Print and Distribute R.O.D.	10d	11/2/94 8:00am	11/16/94 5:00pm

Project: Restoration Plan EIS

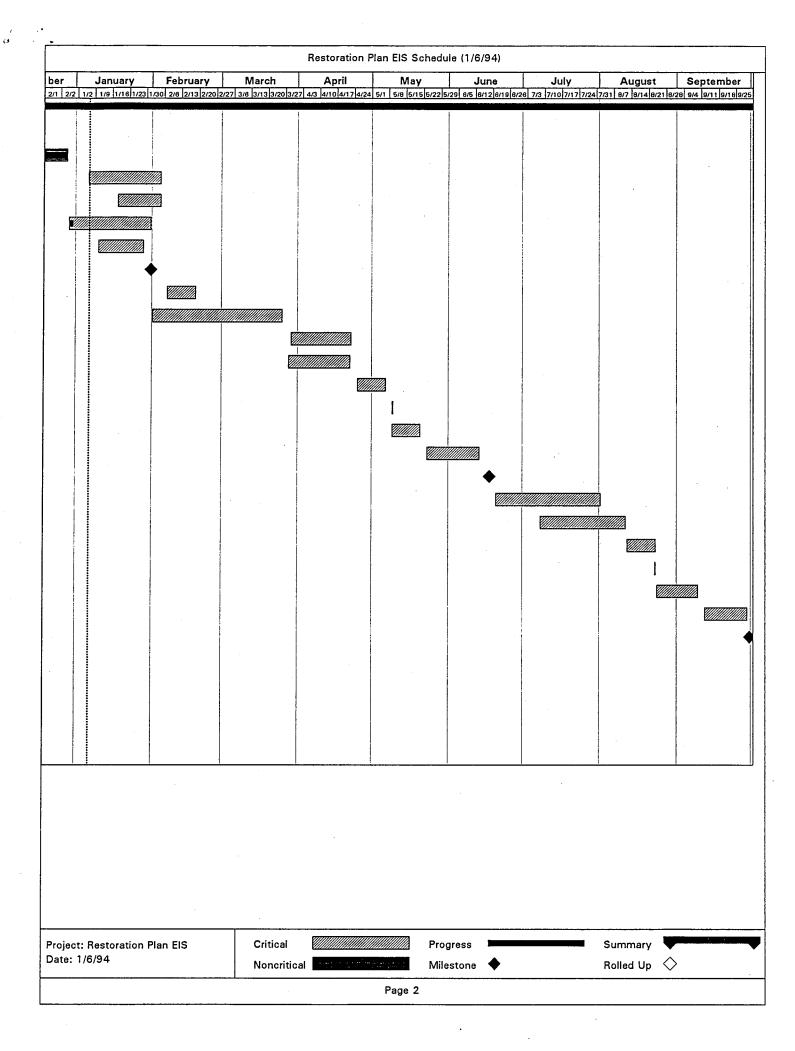
Date: 1/6/94

Critical

Progress

Summary

Rolled Up ♦



Restoration Plan EIS Schedule (1/6/94)									
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# January 1994 Restoration Plan EIS Schedule



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# February 1994 Restoration Plan EIS Schedule



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# April 1994 Restoration Plan EIS Schedule

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# May 1994 Restoration Plan EIS Schedule

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# June 1994



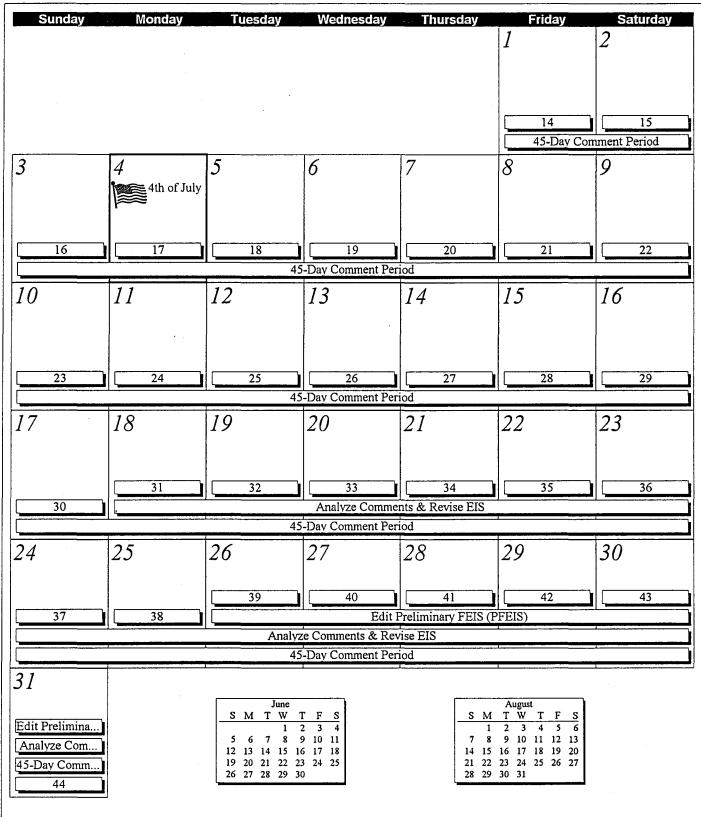
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# July 1994









# August 1994 Restoration Plan EIS Schedule



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# September 1994



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# October 1994



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# December 1994



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Proft 12/9/93

### **Policies**

- 2. Restoration activities may be considered for any injured resource or service.
  - Only address the 19 resources now under consideration, any "new" resource can only be added if evidence of injury is discovered through other restoration actions. Do not consider equivalent resources.
  - Address the 19 resources now under consideration, also consider studies that are likely to document EVOS injury to other resources. Consider equivalent resources.
- 3. Restoration activities will occur primarily within the spill area. Limited restoration activities outside the spill area, but within Alaska, may be considered under the following conditions:
  - when the most effective restoration actions for an injured migratory population are in a part of its range outside the spill area, or
  - when the information acquired from research and monitoring activities outside the spill area will be significant for restoration or understanding injuries within the spill area.
  - A change sentence to read "Limited restoration activities outside the spill area, but within Alaska, may occur if exceptional benefits can be gained to resources linked to EVOS or equivalent resources". No caveats.
  - Restrict actions only to EVOS area. No caveats.
  - Don't restrict actions? Change caveats?
- 4. Restoration activities will emphasize resources and services that have not recovered.
  - Restoration activities will emphasize resources and services that are not recovering, or may still be in decline. Recovering resources receive the least emphasis.
  - Restoration activities will emphasize injured resources important to commercial or subsistence activities, regardless of their recovery status. Next level of emphasis on non-recovering resources, then unknown recovery status then known to be recovering.
- 5. Projects designed to restore or enhance an injured service:
  - must have a sufficient relationship to an injured resource;

- must benefit the same user group that was injured, and
- should be compatible with the character and public uses of the area.
- Perhaps some variation on the caveat that gives leeway for other management changes that may change the "character and uses" of the area (for example Wilderness designation.)?
- 9. Government agencies will be funded only for restoration work that they do not normally conduct.
  - We can define what level of extra work for an agency justifies funding by the Trustees. Change the level between alternatives. Currently its subjective.

### **Making Decisions About General Restoration Projects**

- The value of an injured resource to the ecosystem and to the public. Is the resource an endangered or threatened species? What is its ecological significance? To what extent is it used for human purposes such as commercial fishing, recreation, or subsistence?
  - Our alternatives can elaborate on how the answers to these questions will be used to make decisions on general restoration projects.

### **Recovering Resources**

The following resources are believed to be recovering. This list is expected to change as the condition of injured resources changes and knowledge about them improves.

Bald eagles

Killer whales

Black oystercatchers Sockeye salmon (Red Lake)

**Restoration Strategy**. Restoration of recovering resources will rely primarily on natural recovery because, for most recovering resources:

- They are expected to fully recover over time;
- People can do little to accelerate their recovery; and
- Waiting for natural recovery is not likely to significantly harm a community or industry in the long term. (Subsistence, commercial fishing, and recreation are addressed under "Services.")

However, if a resource is not expected to recover fully on its own, or if waiting for natural recovery will cause long-term harm to a community or service, appropriate alternate means of restoration would be undertaken.

A Define long-term harm. Describe what happens when a resource that has not been recovering begins to recover...do we then go to this restoration strategy and no longer aid recovery?

### **Resources Not Recovering**

The following resources show little or no sign of recovery nearly five years after the spill. This list is expected to change as the condition of injured resources changes and knowledge about them improves.

> Common murres Harbor seals Harlequin ducks Intertidal Ecosystem Marbled murrelets

Pacific herring

Pigeon guillemots

Pink salmon Sea otters

Sockeye salmon (Kenai River)

Subtidal Ecosystem

Restoration Strategy. Except for certain protective measures, attempts to restore these resources without knowing why they are not recovering may be ineffectual or even detrimental. For this reason, the restoration strategy for these resources emphasizes determining why they are not recovering and eliminating threats to the remaining populations. Where sufficient knowledge about the nature of injury exists, the restoration strategy also encourages actions to promote recovery because:

<u>Initiate</u>, <u>sustain</u>, <u>or accelerate recovery</u>. The primary objective is to initiate recovery if possible. Once a resource is recovering, decisions about continuing restoration to sustain or accelerate the rate of recovery would depend on such factors as the cost and benefits of additional restoration activities and the importance of the resource for recovery of a service. However, if a resource is expected to recover fully through natural recovery alone and waiting for natural recovery to occur will not cause long-term harm to a community or industry, the restoration strategy would rely primarily on natural recovery.

### **Recovery Unknown**

It is not known whether the following resources are recovering because insufficient data are available. This list may be modified as knowledge about these resources improves.

> Clams Cutthroat trout Dolly Varden

River otter Rockfish

Restoration Strategy. Until more is known about the nature and extent of injuries and the degree of recovery for these resources, restoration will rely primarily on natural recovery, aided by monitoring and protective measures.

<u>Monitor recovery.</u> For resources whose recovery is unknown, the monitoring program will track the progress of recovery and detect major reversals. If results of the monitoring program suggest that a resource is not recovering, alternate means of restoration will be considered. **determine what the recovery status is for the targetted resource.** 

### Services

### **Subsistence**

**Restoration Strategy**. Restoration of fish and wildlife resources are covered elsewhere in this chapter. The restoration strategy for subsistence services has four parts:

Promote recovery of subsistence as soon as possible. Many subsistence communities will be significantly harmed while waiting for subsistence resources to recover through natural recovery alone. Therefore, an objective of restoration is to accelerate recovery of subsistence resources and services. This objective may be accomplished through increasing availability, reliability, or quality of subsistence resources, or increasing the confidence of subsistence users. Specifically, if subsistence harvest has not returned to prespill levels because users doubt the safety of particular subsistence resources, this objective may take the form of increasing the reliability of the resource through food safety testing. Other examples are the acquisition of alternative subsistence food sources and improved use of existing resources.

### **Commercial Fishing**

**Restoration Strategy**. Restoration of fish and wildlife resources are covered elsewhere in this chapter. The restoration strategy for commercial fishing has three parts:

Promote recovery of commercial fishing as soon as possible. Many communities that rely on commercial fishing will be significantly harmed while waiting for commercial fish resources to recover through natural recovery alone. Therefore, an objective of restoration is to accelerate recovery of commercial fishing. This objective may be accomplished through increasing availability, reliability, or quality of commercial fishing resources, depending on the nature of the injury. For resources that have sharply declined since the spill, like pink salmon and Pacific herring in Prince William Sound, this objective may take the form of increasing availability in the long run through improved fisheries management. Another example is providing replacement fish for harvest.

For the above "restoration strategies" from chapter 4 we can clarify some of the inconsistencies. For example.

Promoting recovery o of commercial fishing or subsistence resources takes priority over the other restoration strategies. (Therefore, restoring clam beds would be acceptable.)

Converseley, we could say that restoration actions for a resource must be consistent will the strategy described for the recovery status of the resource. (Therefore, restoring clam beds would not be acceptable unless it can be shown that the recovery status of clams is "non-recovering" rather than its current "unknown status".)

levels as well as an emphasis on those resources which have been in decline (as a result of changes to the ecosystem).

- 5. Projects designed to restore or enhance an injured service:
  - must have a sufficient relationship to an injured resource;
  - must benefit the same user group that was injured, and
  - should be compatible with the character and public uses of the area.
  - Additional emphasis could be placed on resources that are key to specific services. Ecosystem studies will focus on areas that provide important services.

## U.S. Fish and Wildlife Service

Subsistence Management Region 7 - Alaska

12/29/93

No Action Habitat Acquisition Restoration Plan Ecosystem Management

OR

No Action Ecosystem Altered Policy 1 Altered Policy 2 Restoration Plan



Of the 19 injured resources, only address resources important	
to services. Work on equivalent/replacement resources is okay.	

7	No Action	Alternative 1 injured Most similar to RP, but I resource focus	Alternative 2 Services Focus	Restoration Plan Unstated Service Tocus	Alternative 4
Resources Addressed (currently 19 are recognized as injured)		Current list only. New resources only added through other studies (such as ecosystem projects).	Current list with focus on service resources. Projects to research other possible injuries okay. Work on equivalent/replacement resources is okay.	All injured resources	All 19 and others as they relate to the ecosystem
Geographic Area		Same as the Restoration Plan	Completely restricted to EVOS area, and focused on primary service areas.	Mostly EVOS, but within Alaska if necessary for research or if it benefits EVOS population that migrates.	Outside of EVOS, but within Alaska, if project highly beneficial and linked to injured resource.1
Resource/Service Emphasis		Not recovering/declining = highest Recovering = least emphasis	Importance to commercial fishing and subsistence	No emphasis (though slight emphasis towards commercial fishing/subsistence through repetition)	Lower trophic levels, and the injured resources still in decline from ecosystem changes
Service Restoration/Enhance		Only tied to injured resources	Improve equivalent or replacement resources while EVOS injured resources recover.	Only as it relates to injured resources (19 on current list), and same user groups affected by EVOS.	Only tied to the injured resources. Studies of these resources will occur in concerned area and early in program. or corresponding ecosystem species
Purpose for Habitat Acquisition		No change from restoration plan = Varied	Aquisition geared towards services and the specific resources they depend upon.	Varied. Forcels with highest cumulative value for all injured resources/services.	Tied to benefits to resources (critical habitat) or to maintaining integrety of ecosystem study areas. More acquisition likely later in program.
Implementation of Chapter 4 "Objectives"		Projects only acceptable if they meet the policies defined for the recovery status of the resource.	Projects considered first on their ability to promote service recovery. Do not have to correspond to recovery status grouping.	No stated sequence. Varied.	Focus on determining what is influencing the recovery of the resources. Following guidance defined for the recovery status group.
Prioritizing Projects		Projects which benefit non recovering resources or that will effect these resources through the trophic levels.	Will the project restore services to the area impacted by EVOS	Importance in ecosystem. Importance to services	Will delay cause problems in other trophic levels? Will project answer important questions on why recovery is slow?

Or, if projects outside of spill area can produce more individuals and projects within spill area can only protect or improve our understanding.

	No Action	Alternative 1	Alternative 2	Alternative 3	Restoration Plan
Injured Resources Addressed (currently 19 recognized)		All 19 and others as they relate to the ecosystem	Current list only. New resources only added through other studies (such as ecosystem projects).	Current list. Projects to research other possible injuries okay. Work on equivalent/replacement resources is okay.	All injured resources
Geographic Area		Same as the Restoration Plan	Outside of EVOS, but within Alaska, if project highly beneficial and linked to injured resource.1	Completely restricted to EVOS area.	Mostly EVOS, but within Alaska if necessary for research or if it benefits EVOS population that migrates
Resource/Service Emphasis		Lower trophic levels, and the injured resources still in decline from ecosystem changes	Not recovering/declining = highest Recovering = least emphasis	Importance to commercial fishing and subsistence	No emphasis (though slight emphasis towards commercial fishing/subsistence through repetition)
Service Restoration/Enhance		Only tied to the injured resources. Studies of these resources will occur in concerned area and early in program.	Only tied to injured resources	Improve equivalent or replacement resources while EVOS injured resources recover.	Only as it relates to injured resources (19 on current list), and same user groups affected by EVOS.
Habitat Acquisition		Tied to benefits to resources (critical habitat) or to maintaining integrety of ecosystem study areas. More acquisition likely later in program.	No change from restoration plan	Aquisition geared towards services and the specific resources they depend upon.	Large parcels
Prioritizing Projects		Will delay cause problems in other trophic levels? Will project answer important questions on why recovery is slow?	Projects which benefit non recovering resources or that will effect these resources through the trophic levels.	Will the project restore services to the area impacted by EVOS	Importance in ecosystem. Importance to services

Or, if projects outside of spill area can produce more individuals and projects within spill area can only protect or improve our understanding.

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	No Action	Alternative 1	Alternative 2	Alternative 3	Restoration Plan
Injured Resources Addressed (currently 19 recognized)		All 19 and others as they relate to the ecosystem	Current list only. New resources only added through other studies (such as ecosystem projects).	Current list. Projects to research other possible injuries okay. Work on equivalent/replacement resources is okay.	All injured resources
Geographic Area		Same as the Restoration Plan	Outside of EVOS, but within Alaska, if project highly beneficial and linked to injured resource. <sup>1</sup>	Completely restricted to EVOS area.	Mostly EVOS, but within Alaska if necessary for research or if it benefits EVOS population that migrates
Resource/Service Emphasis		Lower trophic levels, and the injured resources still in decline from ecosystem changes	Not recovering/declining = highest Recovering = least emphasis	Importance to commercial fishing and subsistence	No emphasis (though slight emphasis towards commercial fishing/subsistence through repetition)
Service Restoration/Enhance		Only tied to the injured resources. Studies of these resources will occur in concerned area and early in program.	Only tied to injured resources	Improve equivalent or replacement resources while EVOS injured resources recover.	Only as it relates to injured resources (19 on current list), and same user groups affected by EVOS.
Habitat Acquisition		Tied to benefits to resources (critical habitat) or to maintaining integrety of ecosystem study areas. More acquisition likely later in program.	No change from restoration plan	Aquisition geared towards services and the specific resources they depend upon.	Large parcels
Prioritizing Projects  Sample questions		Will delay cause problems in other trophic levels? Will project answer important questions on why recovery is slow?	Projects which benefit non recovering resources or that will effect these resources through the trophic levels.	Will the project restore services to the area impacted by EVOS	Importance in ecosystem. Importance to services

Or, if projects outside of spill area can produce more individuals and projects within spill area can only protect or improve our understanding.

### **EIS POSSIBILITIES**

1) Use the 5 alternatives presented in the April brochure and determine what blend the current RP represents as a sixth alternative.

Advantages: Wolcoff DEIS was based on the 5 brochure alternatives - better head start.

Disadvantages: The RP does not suggest any funding levels for the different restoration categories, so the primary means of comparison is not available.

2) Create alternatives that differ in policy content from the RP. For example one alternative would allow for work outside of the spill area under different caveats from those proposed in the RP.

Disadvantages: Policy level differences are more difficult to interpret for an effects analysis.

3) Interpret the plan down to its possible workplan level influence.

Advantages: We could develop the substance needed for an effects analysis.

Disadvantages: Trustee Council is less likely to accept DEIS.

4) Keep the No Action, Habitat Protection and ? from the brochure. Back them up to a policy level for comparison with the draft restoration plan.

Disadvantages: Policy level differences are more difficult to interpret for an effects analysis.

Advantages: This might be the easiest range of alternatives for the TC to accept.

5) For any of the above possibilities. Use an example suite of the options presented in the brochure to show the different effects.

Disadvantages: Public & TC may misinterpret the examples as being decisions.

Advantages: Would provide the EIS with the substance to interpret and compare effects.

D'Annual Work plan as examples

12/13/93 DRAFT



The current restoration plan stresses the need for an ecosystem approach to oil spill restoration. That approach is not defined in any detail. This alternative defines an ecosystem approach in detail by making the ecosystem the primary focus of all restoration activities. Some of the policies presented in the restoration plan are modified to reflect that emphasis.

### **Ecosystem Alternative**

Initial emphasis heavily weighted towards research and monitoring of the ecosystem which supports the injured resources/services.

later emphasis expected to shift towards habitat protection.

Acquisition of habitat would be based on the parcels benefit to the injured resources (e.g. unique or critical habitat areas...). Also consider the parcels' importance in retaining the existing character of the area for ecosystem research.

Develop a unified management approach by coordinating and defining interagency policies for management of the oil spill area.

### **Policies**

- 2. Restoration activities may be considered for any injured resource or service.
  - All currently recognized injured resources and services would be addressed. The initial primary focus for these resources would be in relationship to their trophic level placement in the ecosystem. Additional resources will be studied as they relate to the injured populations. It would be likely for lower trophic level organisms to receive more emphasis.
- 3. Restoration activities will occur primarily within the spill area. Limited restoration activities outside the spill area, but within Alaska, may be considered under the following conditions:
  - when the most effective restoration actions for an injured migratory population are in a part of its range outside the spill area, or
  - when the information acquired from research and monitoring activities outside the spill area will be significant for restoration or understanding injuries within the spill area.
- 4. Restoration activities will emphasize resources and services that have not recovered.
  - Restoration activities will emphasize resources as they relate to the ecosystem. This could mean an emphasis on resources in the lower trophic