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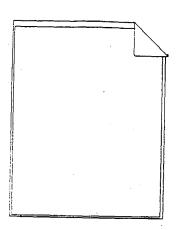
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

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EXXON VALUEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD 0/06940518 DEGEIVED MAY 18 1993

EXXON VALDEZ OIL SPILL TRUSTEE GOUNGIL





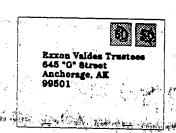
Please Stack Your Comment Sheets On Top Of This Page....



Fold This Page Over Your Comment Sheets....



Then Staple or Tape Sheets Together....



Attach Correct Postage

Name: 21 Mac/App201
Phone: 235 2699

RESOURCE		POTENTIAL PROJECTS	RE	GION	137	EST	1 1	1	1 1	1	2 2	8
t of	SUBORTION	White the first the state of th	P W	K K	(egg)=jyaya;	PULL TIES	9 9	9	9 9	9	0 0	Not The
SERVICE	SUBOPTION		S	N D	Visit Kille	MESTER	<b>'</b> '	L°	<u></u>	,	0 1	56
1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	x x	\$41	M						
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	x		\$300	. 1						17
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	X	x x	\$200	M	24	1.				
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	x x	\$525	М	-					
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	x	$\mathbf{x} \mathbf{x}$	\$400	М	14					
6	Option Not Identified	Restoration of Chenega Village Site	X		\$75	1						
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	x	$\mathbf{x} \mathbf{x}$	\$300	93 - M	1 2	+				
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS	X		\$230	М					- [-	
9	Public Information	Heritage Information Replacement	x	x x	\$200	М						
10	Public Information	PWS Landmarks-Evaluation and Interpretation	x		\$400	М						
ia-[	Public Information	Public Education and Interpretation of Archaeological Resource	<b>X</b>	XX	\$400	M		-				
2	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	x x	\$225	М						
3	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	х	x x	\$150	М			. [			
4	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	x x	\$210	М	2	- 4		1	1	+ 1
15	Site Stewardship Program	Archaeological Site Stewardship Program	X	x x	\$114	М	-	1	$\neg +$			-
6	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X		\$1,200	1						M
					1						ļ	
							<u> </u>				.	
7 Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	x	x x	\$262	M						
8	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	x	x x	\$10	M		.	. ارا		. [.	0
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	x	x x	\$200	M	<u> </u>	11	l			
				- [							- [	
											1.	
				-							j	
Black Oystercatcl	her Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	x	x x	\$108	93 - M						П
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X		\$125	М			. T			

Name: PL Mar Japhell Phone: 235-2699

	RESOURCE or	RESPONATION OF THE PROPERTY OF	POTENTIAL PROJECTS 4		RE P W	GIOI K K		ESTA- DURATIO	22	1 9 9	1 1 9 9 9 9 6 7	1 9 9	1 2 9 0 9 0 9 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7, 841 96
	SERVICE ***	SUBORTION TRANS			3		\$K	(YEARS)		4	┸	4-4		1 1	-
22	Black Oystercatcher	Restoration Monitoring						;			-				
		•													-
							1	]						.	
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		X	ХХ	\$1,100	М				-	-	·	$\bot$
24	Johnner Clar F 1311111g	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resource		1 1	XX		M							1
25		t the state of the		ves .	1	$\hat{\mathbf{x}}$	\$3,500	1			.   .		.	+ 1.	1
+		Intensify Management	Fishery Industrial Technology Center  Model for Conneits of Salmer Broduction for the Susiting Projects		^	. († í	\$150	M	+ +						1.
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage			· 🗘	\$300		1 1			1-		-  -	7
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation			$\hat{\mathbf{x}}$	\$200	M	1			- +			1
28	#	Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment			-^ -	\$5,000	1						-	1
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	. Doggvon		1.	\$868	M	1		!				-
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost	Hecover	1 1	~ \	\$50	M			_				-
31		Recovery Monitoring	Wild Fish Stock Information Assessment		^	XX	\$45	M	1				÷   · ·		/
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island	., ,		-   -						-		ــــــــــــــــــــــــــــــــــــــ	4
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration				\$80	M	-		-	1 1			1
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		} - }	^ -	\$50	M			ŀ	1 -1	- ]-		$\mathcal{A}$
35		Replace Harvest Opportunities	Red Lake Mitigation				\$191	- M		_				2	
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									.   .	.  .		4 -	.	-	
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1						-	6000		-		.   .		-		
	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity			XX		M		.		.		1 7	4
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		j	XX	<del></del>	93 - M					. ]	十少	5
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study			XX	\$73	M					-	13	红
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	1	XX		M				1			T
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	XX		M	-1/-1	1	.   .		.   .		-
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT	لــــــــــــــــــــــــــــــــــــــ		\$460	M					l	$\perp \stackrel{\wedge}{\perp}$	브

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	SERVICE	SUBOPTION	(All and the second	s	N	D	SK	(YEARS)		لًا		َلِلْ	Ļ	- 5 <u>a</u>
42	Common Murre	Restoration Monitoring						M	7			.		
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43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	х		\$2	200	M						2_
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	x			285	М			1			1
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x		1	35	 M	1					11
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X	<del> </del> +	<u>-</u>	950	м					-	
47		Restoration Monitoring		.		-   T	1111 .	м		Ì	-			
				+							1		1	•   •
														.
							-							
48	General	Administration	Oil Spill Restoration Support Service and Facilities	Х	x	X \$	500	1			1	1		ح ا
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	Х		\$	200	- м		Ì		-		×
50		Option Not Identified	Hazardous Material Collection Facility	X	x	X \$	100	1						1
51	i	Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	Х	х	X \$4	188	М						1 ×
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	x \$	70	М				•		
53		Public Information	Publish and Distribute Brochures on Injured Species	Х	х	X \$	90	М					T	>
54		Public Information	PWS Brochures	Х	1	\$	65	м	1	•				
55		Public Information	PWS Implementation of Interpretive Plan	Х		\$	150	М	1					>
56		Public Information	PWS Large Format Photographic Book	Х		\$	100	М						*
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	Х		\$	70	М	,	4-	-			
58		Public Information	PWS Video Programs	Х		\$	100	М						8
59		Public Information	Science of the Sound- Education Program	Х		\$	53	М	7					
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### 1994 POTENTIAL PROJECT TITLES

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SER	O/ NCE SUBCETION		w S	E C	SK	(FI DURATIO)	3	9 9 5 6	9	9 9	0	0 7
60 Harbor Sea						(12-116)		<b>!</b>		<b></b>		
61	Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	x		\$39		1					2
62	Option Not Identified	Subsistence Harvest Assistance	X		\$23	М	1-1		1.		1 1	2
33	Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	Y	+	\$165	93 - M		· - · · · · · ·			<u> </u>	·  -
64	Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	x	x >	\$230	M			.  -	-	1 1	
~	necovery Morntoning	Habitat use, Monitoring, Population Modelling, and Information Synthesis	^	^  <i>′</i>	Ψ230						-	
							1					
				٠.							-	
					1		1					
Harlequin E	Duck Eliminate Oil from Mussel Beds			-			-					
66	Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	$\mathbf{x}$	\$700	93 - M						
	Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	1 1	^	4	M	1 1		-		1	1
".	Option Not identified	Quantification of Stream Habitat for Hanequili Ducks from Hemotely Senseu Data	^	<b>^</b>  ′	( \$33							
					} .	İ						
				- -		:						
8 Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	x	x >	\$20	M	1	1			.	1
69	Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	·{ }·	x >		M	1				1	8 ا
70	Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	x		\$300	M	1				+ +	8
71	Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	x	🗜 -	\$50	М						Į
72	Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	x		\$500	M						12
73	Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	x	x >	\$800	М				.	1 1	7
74	Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	+ t	X >	(	M	1	1	1 . 1			1
75	Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	<del>}</del>	x >	\$620	- M	1					1
6	Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	x	+	\$600	M		1-		- 1		8
77	Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	x >	\$500	М	17	~		.		
78	Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait	4-1	x >	\$200	M .	+ 1					1
	Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	1 }	X	\$275	M	-	-				
/ <del>9</del>	1111711111119.	1	1 -1		· <del>  </del>		1 1		-		1 1	V
79   80	Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	x y	( \$50	M				i	1 1	PC

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EG	ION	. EST	EST.			, 1	,	, ,	, 8
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SERVICE	SUBOPTION		s	N	D	s sk	(YEARS)	4	5	6 7	8	9 0	1 5
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	( x	[X	\$500	М		11				
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M			ĺ		]	1 1
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	5 M						1
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M	}	1				
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X	:		\$495	93 - M		<b>{</b> }			1	K
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	М	1	<b> </b>				X
88	Option Not Identified	Clam Enhancement	X	X	X	\$120	M			ļ			Z
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	×	X	X	\$500	M			}	1		1
90	Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M		[		} }	.	1 K
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	`   x	X	X	\$237	M			1		<b></b>	
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92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M						
93	Monitoring	Recovery Monitoring	X			\$125	M						K
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M			[		ļ	K
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	×				М						
				1			1						
							1						
										Ì			
96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M			1			10
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M	14	12				
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M						10
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M						1
100	Minimize Incidental Take												
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks	-	X	X	\$200	) М			1			X

### 1994 POTENTIAL PROJECT TITLES

Name:	RL MACAMPARI
Phone:_	235 2699

RESOURCE	RESTORATION OPTION 3	POTENTIAL PROJECTS	R	EGIO K E	COSTAN	EST. DURATIO	1 9 9	1 1 9 9 9 9	1 9 9	1 9 9	1 2 9 0 9 0	2 0 0, Not Fu
SERVICE 102 Marbled Murrelet	SUBOPTION 4 4 4	Survey to Monitor Recovery of Marbled Murrelets	y	X   X	l	(YEARS)		-				
102 Marbled Marrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	^	^	Λ φ250		-				• } • !	
	} · · · · · · · · · · · · · · · · · ·					]					Ì	
			ļ									
103 Multiple Resources	Habitat Protection	Habitat Modelling	X	X :	X \$150	M						
104	Habitat Protection	Riparian Habitat Assessment	X	x ;	K \$110	M					1	
105	Habitat Protection	Stream Channel Capability Modeling	X	x	X \$110	М						
106	Habitat Protection	Stream Habitat Assessment	X	<b>x</b>   :	X \$361	93 - M	1 1					12
107	Habitat Protection	Valdez Hazardous Waste Collection	x		\$200	1						
108	Habitat Protection	Vegetation and Stream Classification and Mapping	x	x   :	X \$276	93 - M						6
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	- X	<b>x</b>   :	X \$100	М	1		+	-	+	
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	x   :	X \$750	M						1/
m	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x	X \$111	1						
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			κ	1	1. 1		1			
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge		:	κ	1	1 1		-			( + ' : :
114	Habitat Protection and Acquisition	Valdez Duck Flats	X			1						1 6
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1	1	-	$\downarrow$	<del>-</del>	<del> </del>	├-┤
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		;	Κ	1	11	<u> </u>				
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		( )	<b>\$250</b>	1	121					
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X		\$3,500	1	1					
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		;	<b>\$200</b>	1	<b>V</b>	}				
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X \$77,000	1	3					
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	\$90	1	8					
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		x	\$60	1	0					
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		x	\$400	1	1					
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X	\$80	1	X.					i [
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		x	\$740	1	X	XX				
126	Habitat Protection and Acquisition	Habitat Acquisition	x	x x	\$25,000	93 - 1	K	4				
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		;	\$112,500	1	8					

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	REC	1OIE	EST.	EST.		1 1	Τ,	, [	1 2	2
or	or	and the second of the second o	P I	( к Е О		DURATIO	9 9	9 9 9	9 9 7	9 9 A	9 0	0
SERVICE 8 Multiple Resources	1		S	<b>1</b> D	1	(YEARS)			_			
	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island	1 1	X	\$20,000	1	X				-	
29	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		.   X	\$4,000	1		·				#
10	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		X	\$1,000	1		 				1
11	Increase Natural Food Supply		1-1								-	
12	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	. 4 } .	X X	\$50	M	] ]		_			
	Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	x x	\$408	М			ļ			1
34	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X	.	\$200	М		i				
35	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X		\$40	M		:	1	1.		1 1
36	Intensify Management	Seabird Colony Restoration	<b>x</b>	x x	\$250	M		:				
7	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	x		\$250	М		İ	]			
8	Monitoring	Shoreline Worm Life Monitoring	<b>x</b>  :	x   x	\$388	М			1			1
99	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	хX	\$416	М						
Ò	Option Not Identified	Alaska Land and Wildlife Conservation Fund	x	x x	one billion	М	8	س	<b>→</b> ×	.		
1	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	x	$x \mid x$	\$280	М		i	Į	1 1		1
2	Option Not Identified	Oil Spill Injured Resources Literature Research and Review	x	х х	\$7	M		1				
3	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	хх	\$650	1	1					1
4	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	x	ХX	\$48	М				1 1	-	'   k
15	Option Not Identified	Shoreline Assessment	x	х х	\$250	93 - M	6			1 1	1	
16	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		X	\$28	М		i		1 1		1 1
7	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	хх	\$500	93 - M				1 1	·   -	
8	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		x	\$800	М	لدا	8/4				7
19	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	хx	\$2,300	1			1	1 1		
50	Recovery Monitoring	Injured Resource Food Supply	X		\$850	М		1	1	1		
i1	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	x		\$500	М	1		1			
2	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay	<del> </del>	X	\$600	М					1	†
3	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	x		\$80	М					1	
······································	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	x x		М	1					l k
5	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X			M		- [:			.	
66	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X			M	1		1		.	4
57	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X	- -	\$35	М	1	11 m		1 1	·	

### 1994 POTENTIAL PROJECT TITLES

Name: RL MacAruphe Phone: 237 2699

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	EST.	EST.	1	1 1	1 1	2 2
or SERVICE	or SUBOPTION		P W S	K I	3204		9 9	9 9 9 9 6 7	9 9 9 9 9 8 9	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	x		\$91	м (	71	++		
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	<b>X</b> 2	\$275	93 - M	1-	+		
160	Reduce Disturbance by Field Presence					\ <u>.</u>				
161	Recovery Monitoring Reduce Disturbance by Field Presence Reduce Disturbance Through Public Info Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring  Intensify Management Intensify Management Monitoring Monitoring Monitoring Option Not Identified Restoration Monitoring  Monitoring  Monitoring  Monitoring  Pigeon Guillemot Colony Surve	Public Information and Education	X	$\mathbf{x} \mathbf{x}$	<b>( \$316</b>	M	7			
162	SURPHION    Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl Surveys to Monitoring   Reduce Disturbance by Field Presence   Reduce Disturbance by Field Presence   Reduce Disturbance Through Public Info   Public Information and Education   Public Information Monitoring   Abundance and Distribute Brochures on Injured Species   X X X X X X X X X X X X X X X X X X		M		1 1					
163	Restoration Monitoring	UBOPTION  Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  Surveys to Monitor Marine Bird and Sea-Otter Populations  X X X X \$316 M X \$	- {							
164	Restoration Monitoring									
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165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	x		\$205	M			ļ ·	
166	++++	the control of the co	x	1	\$400	M		1 1	İ	1 4
167	SERVICE SUBORTION  Recovery Monitoring Reduce Disturbance by Field Presence Reduce Disturbance Through Public Info Reduce Disturbance Through Public Info Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring  Intensify Management Intensify Management Intensify Management Monitoring Monitoring Monitoring Monitoring Restoration Monitoring  Restoration Monitoring  Pigeon Guillemot Monitoring Pigeon Guillemot Recovery Enhancement and Monitoring Restoration Monitoring Pigeon Guillemot Recovery Enhancement and Monitoring Restoration Monitoring Pigeon Guillemot Recovery Enhancement and Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Restoration Monitoring Pigeon Guillemot Recovery Enhancement and Monitoring Restoration Monitoring	x	-	\$112	M					
168		to the second of the first of the control of the co	x		\$189	M	87		1	
169	<u>f</u> ericent tip central control of the first tip control of the first t	kanda kanda manda mana kana di mana di manda manda di manda miningi ana kanda di kanda di manda da ana di kanda	x		\$60	M	2	1 1	-	
170	▶ Section 7 Section 1		x	x :	<b>(</b> \$120	M (		1 1		
171	Restoration Monitoring			1						
	· -	BOFTION  Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl Surveys to Monitor Marine Bird and Sea-Otter Populations Surveys								
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170 Pigeon Guillemot	Monitorina	Biggon Guillomet Colony Sunyay	V	Y	\$40	93 - M	. ]		-	
173	Approximation of the same of t	francisco de la companya de la companya de la companya de la companya de la companya de la companya de la comp	1 - 1		and a second		1	+	} .	
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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIOI	I EST	. EST.	<b>.</b> .	Ι. Ι	, 1	Ϊ,	, <b>,</b>	7 8
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176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	x >	\$25	М			Ī			T >
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration		>	\$28	1						1 1>
178	Fish Passes and Access	Otter Creek Fish Pass	x		\$13	) 1	"-					
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration		)	\$11	1					ı İ	1 /
180	Fish Passes and Access	Sockeye Creek Fish Pass	x		\$60	1					, 1	1/2
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement		<b>)</b>	\$55	1						
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	$ \mathbf{x} $	x x	\$72	7 М	1.					1 7
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x		\$49	5 M						1 4
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x		\$85	5 М					ı İ	
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x		\$50	) м	1	!			1	$\perp L$
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X		\$25	в м						17
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	x x	\$15	2 M						X
188	Intensify Management	Pink Salmon Escapement Enumeration	x	<b>X</b> >	\$70	5 М					!	
189	Intensify Management	PWS Salmon Stock Genetics	X		\$15	) M						17
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x		\$66	M						1 1
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X	\$68	6 M						1 1/2
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	X	\$89	M						1 5
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	x		\$14	M						
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	x		\$38	93 - M						1 1/
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X		\$50	M					, l.	
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	x >	\$30	) М		1				1 2
					1							
											.	
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		x >	\$1,25	0 M	1				1	X
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	X >	\$6,00	0 1						1 X
199	Establish Marine Environmental Institute	Seward Sea Life Center	x	x x	\$40,0	00 1					ı İ	1 4
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	x	x >	\$50	) M	X		1		, İ	
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	x >	\$50	М		1 1			_	

Name: 21 Manphall Phone: 235 2699

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		REC	AION K K	EST.	EST.	1	1 9	1 9	1 1 9 9	1 9	2 0	No.
	SERVICE	SUBOPTION	A CONTRACTOR OF THE CONTRACTOR		W 1	E O	sk"	(YEARS	20074	5	6	7 8	9	ő	1 Pund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System		1	X	\$500	1		8	1	Ī	1.		$\sqcap$
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1	×				1		
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project		X		\$50	М							
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism		x i	x x	\$100	М	X			ĺ			
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS		X		\$58	М					-		
207		Monitoring	Recreation Field Management and Monitoring		x :	хх	\$700	М	X						
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails		X		\$150	1	1				1		
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement		x	-   -	\$20	1					1		
210		New Backcountry Recreation Facilities	Improve Marine Parks		X	ХХ	\$100	М	X						
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, Coliege Fiord Wilderness Study Area		X		\$100	1	X	İ		Ì		1	
212		New Backcountry Recreation Facilities	Prince William Sound Campground	1	x		\$70	1	K						
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks		X.	x x	\$150	М	X						11
214		New Backcountry Recreation Facilities	PWS Kayak Trail	]	X	1	\$100	1	X			Ì			1
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	A	X		\$250	1	X						
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan	9		XX	\$140	1	$\times$	للا	54				
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan		x		\$400	M	$\times$		[		. [	1 - [-	
218		Option Not Identified	Sustainable Tourism in PWS		X	-	\$240	М	X	1		ľ	] "		
219		Option Not Identified	Watchable Wildlife		X	x x	<b>\$</b> 65	М	8				I		
220		Option Not Identified	Increased Access PWS		X		\$100	M					1.		
221		Plan Commercial Recreation Facilities	Recreation Development		X	x x	\$200	М	X				1		
222		Restoration Monitoring											-		
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum		X	ΧX	\$77	М							X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education		X			1							X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum		X	ΧX	\$310	М					1		
226		Visitor Center	Cordova Environmental Education Center		x		\$15	1							
227		Visitor Center	Cordova Mini-Imaginarium		X		\$63	1					1		X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts		x :	хх	\$155	М	X						9
229	The second section of the second section of the second section of the second section s	Visitor Center	Environmental Education Center in PWS		X		\$90	1							X
230		Visitor Center	Environmental Learning Resource Center		X.	хX	\$90	1	×						
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova		X		\$450	1							$\bowtie$

433	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EGI	ON	EST,	EST.	1		Τ,	T.	1 2	,	Ŗ
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733	SERVICE	SUBOPTION	· · · · · · · · · · · · · · · · · · ·	s	N	D	\$K	(YEARS	ı '	5	6 7	8	9 0	1	É
232	Recreation	Visitor Center	Information Center	x	x	x	\$600	1	X	X			[		
233		Visitor Center	Interpretation of PWS	ļχ			\$10	M			-				$\geq$
234		Visitor Center	Maritime Wing Valdez Museum	x			\$150	1							$\Sigma \Gamma$
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1			1		. [ ]		$\mathcal{X}$
236		Visitor Center	Valdez Visitor Center	X			\$850	1							
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l	•	Monitoring	River Otter Recovery Monitoring	X			\$180	M					i	1	2
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	М						1	0
239		Restoration Monitoring		'							-				. 1
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1	-						*
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													.		
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M	ঠ						i./.
242		Monitoring	Monitoring Injury to Rockfish in PWS	x	† †	1	\$117	М		ļ (	.  -	-			$\bowtie$
243		Monitoring							1						
		······································					<u></u> .								
244	Sea Otter	Cooporative Prgm-Subsistence Users	,					-							
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	x	X	Х	\$83	М	8				.		ı
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	x	x	\$337	M	.   .					1	
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	x	X	x	\$450	М	1						
248		Monitoring	Sea Otter Population Dynamics	X	х	X	\$291	93 - M	1	1	- 1:				0
249		Restoration Monitoring		1-							+	1			.

### 1994 POTENTIAL PROJECT TITLES

Name: 4 M (Ample)
Phone: 335-2699

RESOURCE or SERVICE	RESTORATION OPTION	POTENTIAL PROJECTS	RE P W S	GION K K E O N D		EST. DURATION (YEARS)	1 1 9 9 9 9 4 5	1 1 9 9 9 9 6 7	1 1 9 9 9 9	2 2 0 0 0 0 0 1	De Not Fund
250 Sea Otter	Study: Eliminate Oil from Mussel Beds		ŀĪ								>
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						1					
251 Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	M			1 -	+ 1	0
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		χ	\$333	М					X
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon	11	_ x	\$275	М		-			X
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		x	\$500	93 - M	1 1			1 1	
255	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M					
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	M	$\mathbf{X}$				
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		X	\$6	М					X
258	Monitoring	Sockeye Salmon Overescapement		$\mathbf{x}   \mathbf{x}$	\$641	93 - M					X
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	x		\$165	93 - M					$\aleph$
260	Option Not Identified	Red Lake Salmon Restoration	1 1	X	\$72	M					M
	and the artists of the contract of the contrac										
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			1 1			1				1	1 1.
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261 Sport Fishing	Recovery Monitoring						1			_	$\downarrow \downarrow$
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	.  .	X	\$4,200	1 1			\\		X
263	Restoration Monitoring		.   .			.			.		
					<u> </u>				\\	.	
264 Subsistence	A Tradition I Frade						::4./				1
	Access to Traditional Foods										1
265	Bivalve Shellfish Hatchery Option Not Identified	Character Day Cubalatana Pastantin Pasiant (Days of Oil)		ļ	<b>#</b> 200				.		+
266	and the same recommendation of the same and	Chenega Bay Subsistence Restoration Project (Remove Oil)	니증		\$200	M	2				
267	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	<u> </u>	\$300	1 1					$\sim$

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GION	EST.	EST.	1	1 1	, ,	1 2	, 1
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SERVICE	SUBOPTION		s	N D	sk	(YEARS)	4	5 6	7 8	9 0	i
268 Subsistence	Option Not Identified	Mariculture Technical Center	X	x x	\$2,200	1	Ī		Ī		
269	Option Not Identified	Seward Shellfish Hatchery	x	$\mathbf{x} \mathbf{x}$	\$1,300	1	İ		Ì		
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	x	XX	\$700	м					
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	x	1	\$50	М				1	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	x		\$55	М	.				1 1
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery		x	\$2,500	1		X	74		1 1
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	x		\$1,000	1	-				
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	x x	\$55	М	- 1				
276	Restoration Monitoring			-							
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	XX	\$589	М		81	+	1	
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	х	x x	\$300	М				1	
279	Test Subsistence Foods	Subsistence Food Safety Testing	x	$\mathbf{x}   \mathbf{x}$	\$308	93 - M	-  -		.		
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				.							-   -  -
280 Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	х	x	\$110	М	1				
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	x		\$715	М	-				k
282	Monitoring	PWS Spot Shrimp Survey	x		\$90	M					
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	x	x x	\$275	М					
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	x		\$265	93 - M					
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	x	хх	\$390	М	_				1
286	Monitoring	Subtidal Recovery Monitoring	x	ХX	\$400	M	1				
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	Х	XX	\$90	М			1		1
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Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	x	x x	\$450	М	-				
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	x		\$75	м	İ		- 1	1 1	1*

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SERVICE	SUBOPTION		s	N D	\$K	(YEARS)	<u>'</u>	Ů	<u> </u>		<u> </u>	튭
290 Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	$\mathbf{x}   \mathbf{x}$	\$105	93 - M	] .					8
291	Administration	Toxicological Profile of PWS	X		\$150	М						5
292	Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	x x	\$8	М						
293	Public Information	Database Integration	x	$\mathbf{x} \mathbf{x}$	\$148	М	X					
294	Public Information	Develop User Friendly Synopsis of Oil Spill Information	x	x x	:	M	0					
295	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	x x	\$120	M		11				
296	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	x x	\$100	M	0/	1-1	- 1	1		2
297	Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	x	$\mathbf{x} \mathbf{x}$	\$72	M	6					
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RESOURCE or SERVICE	RESTORATION OPTION POTENTIAL PROJECTS:  P K K COST/YR DUEATION 9 9 9 9 9 9 0 0 0 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet, KOD=Kodiak Archipelago and Alaska Peninsula, OUT=Outside Oil Spill Area

93=Funded in 1993 M=Multi-year Project

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1994 POTENTIAL PROJECT TITLES

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RESOURCE R or SERVICE	ESTORATION DISTION OF SECOND S	POTENTIAL PROJECTS	P W S	GIOA K K E O N D	EST. COST/YF \$K	EST: DURATIO (YEARS)	1 9 9 4	1 1 9 9 9 9 5 6	1 9 9	1 1 9 9 9 9	2 0 0	2 0 0 1:	
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# CHENEGA BAY MARINE SERVICE CENTER (CBMSC)

Presented by Chenega Bay IRA Council

EXXON-VALDEZ OIL SPIL TRUSTEE COUNCIL

MAY 04 1993

### Introduction

Chenega Bay is located just north of Sawmill Bay on Evans Island in Prince William Sound (PWS), Alaska. The village of Chenega Bay, with a population of 96, was reestablished at this site in 1984 because the historic village site on Chenega Island, some 20 miles to the north, was destroyed by the 1964 earthquake and resulting tsunami.

The community of Chenega Bay has embarked upon a plan to seek significant funding for dock and port improvements

with the goal of enhancing three natural advantages:

- 1) an excellent harbor, already recognized as a safe haven in bad weather:
- 2) a unique location, closer than any other settlement to the heart of the salmon-spawning habitat where the Prince William Sound fishing fleet harvests 48% of all salmon taken in Alaska;
- a gateway for tourists and recreational boaters to the western part of Prince William Sound. At present, the visitor market is shut out of this whole area due to lack of harbor, fuel, and supply services. Chenega Bay is approximately 75 statute miles from both Seward and Whittier, one day's voyage for most power boats.

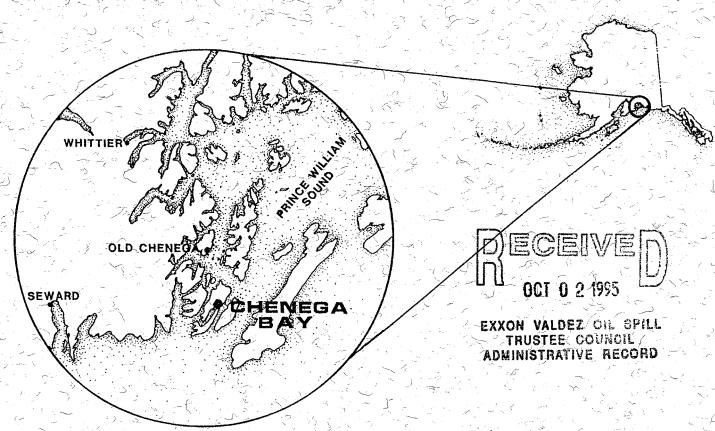
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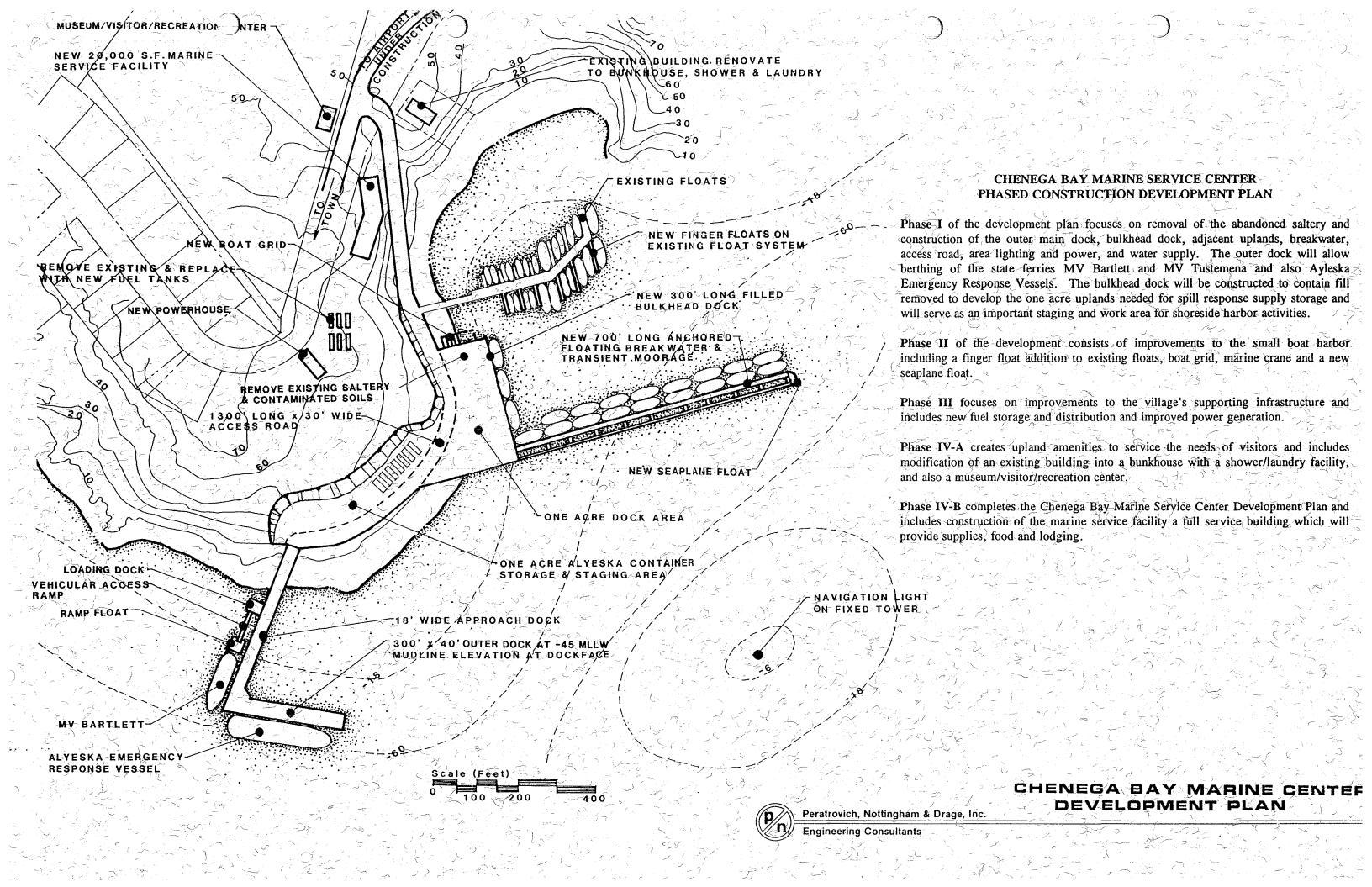
The Chenega Bay IRA Council has been planning for the development of the CBMSC since 1987. The Council initiated several planning studies beginning in 1990. The

planning has been coordinated by the Council and consists of market study of PWS fishery (1991), a market demand study of fishery and recreation markets (1992), an economic forecasting and financial planning (1992), and marine facility planning and engineering (1993). The results of the planning and studies are briefly highlighted here.

The PWS and the adjacent waters of the Gulf of Alaska are important harvest areas for commercial fishermen. There are 243 salmon purse seine vessels, with crews of four to six people, operating in PWS, and hundreds of larger longline vessels operating in the northern Gulf of Alaska. Fishing begins in April-May, peaks in August, and ends in October-November. The above-referenced studies attest to a strong and growing demand for marine services at Chenega Bay during the May-October period.

Again, according to the marketing studies, more than 420 noncommercial boats now moored in Seward and Whittler are powerful enough to make a trip to Chenega Bay a pleasant outing. In addition, the marinas of both communities dispatch thousands of boaters annually aboard vessels as diverse as kayaks and 120-foot boats outfitted for week-long excursions. As an example of demand for services in Chenega Bay, tour operators and kayak rental businesses contacted in the demand study expressed an interest in 720 hotel rooms per 120-day season. Power and sail boat clientele demand exists for 1,012 nights of lodging per season. This equates to a total need of 15 rooms per night.





### CHENEGA BAY MARINE SERVICE CENTER PHASE FINANCING PLAN

Contained within the Alyeska Pipeline Service Company Settlement with the State of Alaska are \$14.5 million to be used in Chenega Bay and Tatitlik for docks, suitable for oil spill response and the MV Bartlett, and oil spill response staging areas including oil spill response equipment and supplies. Also mentioned in the Settlement agreement is removal of the old Saltery, in order to make way for the dock and staging area. These funds will be used to fund Phase I of the construction project.

The Council is also looking to Exxon/State of Alaska Criminal Penalties Fund for construction of portions of the CBMSC. We are looking to that fund for local resource enhancement. We are requesting that \$1.6 million be included in any appropriation from this fund to cover cost of construction of Phases III and IV-A.

Chenega Bay is presenting the Exxon Valdez Trustees Council with a proposal for construction funds as a match to the Alyeska Settlement. The request is based upon the restoration of recreation and tourism services lost on account of the Exxon Valdez oil spill (EVOS), to enhance and otherwise replace services damaged on account of the EVOS, and services to replace or substitute for injured, lost or destroyed resources and affected services. We will apply for funds from this source for construction of Phase II and IV-B of this project.

### CHENEGA BAY MARINE SERVICE CENTER **DEVELOPMENT PLAN** ENGINEERS ESTIMATE (FEBRUARY 1993)

				1- ( )
PHASE I - OUTER DOCK & UPLAND DE	VELOPM	ENT		N . Y.
	UNIT	QUANTITY	PRICE -	AMOUNT
SALTERY DEMOLITION	L.S.	ALL REQ'D	\$600,000	\$600,000
REMOVE CONTAMINATED SOILS	L.S.	ALL REQ'D	\$400,000	\$400,000
ACCESS ROAD	L.F.	1,300	\$150	\$195,000
ROCK EXCAVATION	C:Y,	25,000	\$12	\$300,000
BULKHEAD DOCK	L.F.	400	\$3,000	\$1,200,000
NAVIGATION MARKING	L.S.	ALL REQ'D	\$30,000	\$30,000
OUTER MAIN DOCK	S.F.	20,000	\$120	\$2,400,000
LOADING DOCK	S.F.	3,000	÷150-	\$450,00Ò
VEHICULAR RAMP	L.S.	ALL REQ'D	\$600,000	\$600,000
RAMP FLOAT	t≾.s. =	ALL REQ'D	\$500,000	\$500,000
BARTLETT FENDERS	L.S.	ALL REQ'D	\$400,000	\$400,000
WATER TO DOCKS	L.S.	ALL REQ'D	\$300,000	\$300,000
AREA LIGHTING & POWER	L.S.	ALL REQ'D	\$300,000	\$300,000
TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATION	. خاند کالیک		and the state of the	\$7,675,000
TOTAL PHASE I/COST	NA CITY		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$1,151,250
TOTAL PRASE PUDSI			ر آه ۾ انٽري	\$8,826,250
DUACE IL CHALL DOAT HADDOD DEVI	EL ODERE	u <del>-</del> , } >-	والتناج المرازع	
PHASE II - SMALL BOAT HARBOR DEVI	i	-	poro-	
생활하다 하게 하는 사람들이 가는 사람들이 살아보니다.	UNIT	QUANTITY	PRICE	AMOUNT
FLOATING BREAKWATER	∖ L.F.	700	\$2,500	\$1,750,000
SEAPLANE-FLOAT	L.S	ALL REQ'D	\$50,000	\$50,000
FINGER FLOATS	L.S.	ALL REQ'D	\$150,000	\$150,000
MARINE CRANE - BOATGRID	ハ L.S. L.S.	ALL REO'D	\$50,000 / \$200,000	\$50,000
	L.S.	ALL REQ'D	\$200,000 =	\$200,000
TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATION	NNI			\$2,200,000 \$330,000
LINGUAGEDING, MOLECTION, & ADMINISTRATIC				
		23/2	<b>=</b>	
TOTAL PHASE II COST				\$2,530,000
TOTAL PHASE II COST		CEMENTS		
PHASE III - UPLAND INFRASTRUCTURE	IMPROV	- r	- BRICE	\$2,530,000
TOTAL PHASE II COST  PHASE III - UPLAND INFRASTRUCTURE ITEM	IMPŘOV UNIT	QUANTITY	PRICE	\$2,530,000 AMOUNT
PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES	IMPROV UNIT	QUANTITY ALL REQ'D	\$250,000_	\$2,530,000 AMOUNT \$250,000
PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK	IMPROV UNIT L.S. L.S.	QUANTITY ALL REQ'D ALL REQ'D	\$250,000 \$50,000	\$2,530,000 AMOUNT \$250,000 \$50,000
PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS	IMPROV UNIT	QUANTITY ALL REQ'D	\$250,000_	\$2,530,000 AMOUNT \$250,000 \$50,000 \$250,000
PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS TOTAL ESTIMATED CONSTRUCTION COST	IMPROV UNIT L.S. L.S.	QUANTITY ALL REQ'D ALL REQ'D	\$250,000 \$50,000	\$2,530,000 AMOUNT \$250,000 \$50,000 \$250,000
PHASE III - UPLAND INFRASTRUCTURE ITEM  NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS  TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATION	IMPROV UNIT L.S. L.S.	QUANTITY ALL REQ'D ALL REQ'D	\$250,000 \$50,000	\$2,530,000 AMOUNT \$250,000 \$50,000 \$250,000 \$650,000 \$110,000
PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS TOTAL ESTIMATED CONSTRUCTION COST	IMPROV UNIT L.S. L.S.	QUANTITY ALL REQ'D ALL REQ'D	\$250,000 \$50,000	\$2,530,000 AMOUNT \$250,000 \$50,000 \$250,000 \$550,000
PHASE III - UPLAND INFRASTRUCTURE ITEM  NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS  TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL PHASE III COST	IMPROV UNIT L.S. L.S. L.S.	QUANTITY ALL REQ'D ALL REQ'D ALL REQ'D	\$250,000 \$50,000	\$2,530,000 AMOUNT \$250,000 \$50,000 \$250,000 \$550,000 \$110,000
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PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL PHASE III COST  PHASE IV - MARINE SERVICE FACILITIE ITEM MUSEUM/VISITOR/REC. CENTER RENOVATE EXISTING BLDG. WATER & SEWER TO STORE TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL PHASE IV COST  PHASE IV - MARINE SERVICE FACILITIE ITEM MARINE SERVICE FACILITY TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC	IMPROVUNIT L.S. L.S. L.S. VINIT S.F. L.S. L.S. UNIT S.F. UNIT S.F. L.S.	QUANTITY ALL REQ'D ALL REQ'D ALL REQ'D  T A QUANTITY 4,000 ALL REQ'D ALL REQ'D	\$250,000 \$50,000 \$250,000 \$PRICE \$120 \$250,000 \$50,000	\$2,530,000  AMOUNT \$250,000 \$50,000 \$110,000 \$660,000  AMOUNT \$480,000 \$780,000 \$780,000 \$156,000 \$936,000  AMOUNT \$2,400,000 \$2,400,000 \$480,000
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PHASE III - UPLAND INFRASTRUCTURE ITEM NEW FUEL STORAGE & LINES FUEL DISTRIBUTION AT DOCK NEW POWER HOUSE & GENERATORS TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL PHASE III COST  PHASE IV - MARINE SERVICE FACILITIE ITEM MUSEUM/VISITOR/REC. CENTER RENOVATE EXISTING BLDG. WATER & SEWER TO STORE TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL PHASE IV COST  PHASE IV - MARINE SERVICE FACILITIE ITEM MARINE SERVICE FACILITY TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC TOTAL ESTIMATED CONSTRUCTION COST ENGINEERING, INSPECTION, & ADMINISTRATIC	IMPROVUNIT L.S. L.S. L.S. VINIT S.F. L.S. L.S. UNIT S.F. UNIT S.F. L.S.	QUANTITY ALL REQ'D ALL REQ'D ALL REQ'D  T A QUANTITY 4,000 ALL REQ'D ALL REQ'D	\$250,000 \$50,000 \$250,000 \$PRICE \$120 \$250,000 \$50,000	\$2,530,000  AMOUNT \$250,000 \$50,000 \$110,000 \$660,000  AMOUNT \$480,000 \$780,000 \$780,000 \$156,000 \$936,000  AMOUNT \$2,400,000 \$2,400,000 \$480,000

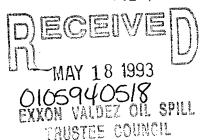
### PETITION

REQUESTING OIL SPILL TRUSTEES
TO REMOVE SUBSURFACE OIL

FROM BUBSISTENCE BEACHES

To: Exxon Valdez Oil Spill Restoration Trustees

From: Undersigned Citizens of ChenegaCI 0 2 1995



Our subsistence hunters and gatherens, have negligated very poor hunting as shellfish gathering in areas adjacentus beautiful containing subsurface oil. Of slicks have appeared near these beautiful Record Record of Record in your 1993 February Exxon Valdez symposium, this has significant altered our village's normal food supply and has harmed numerous living creatures

We request you to expand "General Restoration" to include restoring significant subsistence beaches to as close to prespill conditions as is reasonable during the balance of the restoration process. Many of these beaches are listed in the attached table. We are particularly concerned about dealing with subsurface of seepage into the environment as well as surface oil deposits.

This petition is part of our commentary on the '93 and '94 Work Plans as well at the overall Restoration Plan. We call your attention to and support the letter from the Pacific Rim Villages Coalition to you addressing this issue.

### CANDIDATE LIST OF SUBSISTENCE BEACHES FOR RESTORATION

Local Beach Name	ADEC Beach	Number	Subsistence Species Present	Beach Composition
Bettles Island	EV-50_thru	EV-54	Seals, Deer	Varied
Bishop Rock	EV-37 thru	EV-39	Clams, Seals, Sealions,	Sandy to boulders
Sleepy Bay	LA-15 thru	LA-20	Seals, Ducks, Sealions,	Gravel to boulders
Shelter Bay	EV-19 thru 12 &	EV-24 28	Clams, Seals, Ducks, Deer	Fine gravel to boulders
Guguak Bay	EV-60 thru	EV-70	Seals, Ducks, Deer	Fine gravel to boulders
North Chenega Island	CH-01 thru 22 &		Seals, Ducks, Sealions	Fine gravel to boulders
-		economic de	y in growth like West Colors	
Point Helen	KN-405		Seals, Sealions, Deer	Gravel to boulders
Delaney Island	CH100		Seals, Eggs, Deer	Sandy to Boulders
Flemming Island	FL-01,02,04	1	Seals, Clams, Deer	Sandy to Boulders
Bainbridge	BA-02	₽.	Seals, Ducks, Deer	Sandy to Boulders
Elrington	ER-20		Seals, Ducks, Decr	Sandy to Boulders

FOR EAST

Page 1 of 2

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### PETITION SIGN UP LIST

	SIGNATURE	DATE	PRINTED NAME	ADDRESS	VILLAGE	TELEPHONE
	fly P. Homself	5/11/93	ALEX Home HOFF	BOX 54	CHENEGA	NA
J	Jankon k. 4. 2	5/1/93	Paul Komo Koff. To	Box 8054	Charceja	Na
	Normal Sanatt	5/11/93	Norma J Salanoff	Rax 8014	Chopean Rou	573-5119
_	Charles Relinson	5-11-93	PHARLES P. SELANDER	- Box 8014	CHENEGABON	573-5119
_	Maria a. Formato	5-11-93	MARY A. KOMPKO	CF Box 8002	CAENERA	573-5/3
/	The Dort a	511-93	Patrick Splanoth	13X 8022	never	573-5124
_	Edd' Towards	1011/93	Edd-e-Levehalott			513-5124
	Doon de Mago	5/11-93	DOVENE Elesp ANSKY	0	Clarge	513-5117
	Cklernansky	6-11-93	ChenjiEleshansky		1	573-5140
	Grene Electron	5-11-53	George Elashanka		Charles	573-510
ノ	Carl H. Xilyon	5/11/93	MAROL A-WILSON		Chenega Bay	
	Lucia Jurnes	5/11/93	Lydia Turner		Cherro Bay	
_	Stiphanie Long Kot	5/11/93	Stephanie Kompkoff		Chereca Bay	hone
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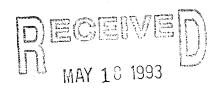
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## UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

# OFFICE OF OIL SPILL DAMAGE ASSESSMENT AND RESTORATION

P.O. 210029 11305 GLACIER HWY AUKE BAY, ALASKA 99821



TELEPHONE:

(907) 789-6600

FAX: (907) 789-6608

EXXON VALUET OIL SPILL
TRUSTEE COUNCIL

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### CHENEGA CORPORATION

Post Office Box 60 Chenega Bay, Alaska 99574-0060 (907) 573-5118

May 17, 1993

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EXXON VALDEZ OIL SALL TRUSTEE COUNCIL

Exxon Valdez Oil Spill Trustees Council 645 "G" Street Anchorage, Alaska 99501

TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

RE: General Restoration Planning for Subsistence Beaches ('93, '94 and following years)

Dear Gentlemen:

We commend the Trustees Council for initiating a thorough planning program to assure an orderly, cost effective execution of the EVOS restoration. Although the newspaper style brochure on restoration planning alternatives is organized, clear, and demonstrates a genuine concern to heed public opinion, we are disappointed that it does not consider under General Restoration subsistence beach restoration, ideally to baseline level as stated among the settlement objectives. The most similar activity seems to be the proposed and worthwhile mussel bed decontamination.

Chenega's subsistence hunters have reported continuously poor harbor seal hunting since the spill in historically abundant habitats. We are not persuaded this is due fully to a regional seal decline, but probably is exacerbated by the oil spill. Hunters in Chenega continue to report blind or abnormally behaving seals. Traditionally hunters always have been able to come home with a few ducks if nothing else is available, but even this is no longer possible.

Chenega hunters note continual seepage of oil from intratidal and storm berm subsistence beach areas listed on attachment A of this letter. They believe that this continuing contamination reduces subsistence species abundance either by their avoidance of slicks, toxic effects on these species, possibly through contact or ingestion of oiled prey, or a combination of both. The papers presented at the February '93 EVOS symposium by many of your scientific personnel point out damage due to reoiling and continuing contamination by further releases of oil driven deeply into beaches. Dr. Fall's paper points out that subsistence protein harvests at Chenega continue at around 145 pounds per capita, while before EVOS this number was about 350 pounds per capita. We understand also that people in the Kodiak area are being troubled

EVOS Trustees Council May 17, 1993 Page 2

by tar balls released from their beaches. Perhaps this also has a subsistence impact. Recreationists and tourists also avoid these oiled areas. Harmful impacts probably occur to other services and resources.

We understand that initial EVOS cleanup focused on surface oil removal because of the acute impact of this oil, the higher cost of removing subsurface oil, the ignorance of technology for such removal, and the agencies belief that technologies proposed would have such a harmful impact that the "net benefit" would be negative. These may have been reasonable arguments during the spill emergency and at the time of the decision to terminate the cleanup. The emergency is over.

We are now engaged in RESTORATION. There is a budget of perhaps \$600,000,000 in unencumbered funds and a documented continuing contamination problem that impacts the subsistence economy. A significant portion of the Prince William Sound residents are convinced that a large portion of funding should be devoted to General Restoration of these beach areas by trying to return them to prespill baseline level.

Indeed, during cleanup, the ADF&G proposed disturbing relatively biologically barren boulder and cobble beaches as an acceptable impact to remove subsurface oil capable to release to the Your staff has already developed earth moving technologies suitable for oiled storm berm restoration. ARCO has a patented mechanical method successfully used at Port Angeles, Washington; there are steam injection methods used in heavy oil production which may be adaptable to recovering deeper possibly subsurface bioremediation similar to contamination; subsurface bacterial oil recovery technology could be implemented. One of the best petroleum reservoir engineers in Alaska has also described a method using a simple, inexpensive, and completely benign line drive waterflood oil production technology utilizing shallow wells in the intratidal zone. All of these technologies show genuine promise and they are definitely worth consideration We are concerned that such in situ restoration for testing. methods have been prematurely discarded.

We would be happy to help you initiate an ongoing subsistence beach restoration project. We recommend that you modify the '93 Shoreline Assessment Project to include investigations of the depth (by digging and drilling), composition, and quantity of deep seated oil in the intratidal zones of beaches listed in attachment A as well as other subsistence beaches proposed by local residents from Cordova to Ivanoff Bay. We propose that you start evaluating documented restoration technologies the Fall of '93 to select and

EVOS Trustees Council May 17, 1993 Page 3

design field tests of several technologies for the Summer of '94. One such novel technology test already planned will be Tesoro's pilot test of a chemical beach cleaner (PES-51) at Sleepy Bay in June '93. We could jointly test one or more of the other technologies listed above suited to boulder/cobble beaches. Using data from such tests, it should be possible to evaluate technology practicality and to devise a budget for a multiyear general subsistence beach restoration program focusing on subsurface oil starting in '95. We would like to accelerate this program, but feel the reality of funding such a process through the Court, other government processes etc. will not allow a full scale operation before '95.

We are enormously concerned that various restoration alternatives have been proposed allocating hundreds of millions of dollars for habitat acquisition, but few projects (except 71 through 74 for '94) have been proposed for General Restoration of beaches to baseline levels. We do not think such beach restoration will be easy of cheap, but we feel it is possible, desirable, and merits equal attention to habitat acquisition.

We would be happy to discuss these ideas from a conceptual and management viewpoint at your convenience.

Very truly yours,

PRVC OWNERS REPRESENTATIVES

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### ATTACHMENT A

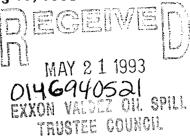
Local Beach Name	ADEC Beach Number	Subsistence Species Present	B e a c h Composition
Bettles Island	EV-50 thru EV-54	Seals, Deer	Varied
Bishop Rock	EV-37 thur EV-39	Clams, Seals, Sealions, Deer	Sandy to boulders
Sleepy Bay	LA-15 thru LA-20	Seals, Ducks, Sealions, Deer	Gravel to boulders
Shelter Bay	EV-19 thru EV-24 12 & 28	Clams, Seals, Ducks, Deer	Fine gravel to boulders
Guguak Bay	EV-60 thur EV-70	Seals, Ducks, Deer	Fine gravel to boulders
North Chenega Island	CH-01 thur CH-13 22 & 23	Seals, Ducks, Sealions, Deer	Fine gravel to boulders
Point Helen	KN-405	Seals, Sealions, Deer	Gravel to boulders
Delaney Island	CH100	Seals, Eggs, Deer	Sandy to boulders
Flemming Island	FL-01, 02, 04	Seals, Clams, Deer	Sandy to boulders
Bainbridge	BA-02	Seals, Ducks, Deer	Sandy to boulders
Elrington	ER-20	Seals, Ducks, Deer	Sandy to boulders



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

**Dear Trustee Council:** 

May 19, 1993



Enclosed are comments that should be considered in the 1994 work program. The Chugach Alaska Corporation and the Chugach Heritage Foundation strongly supports the follows projects:

- The Nuchek Heritage Interpretive Center, Design
- Restoration of Chenega Village Site.
- Archaeological site protection site Patrol Monitoring (by the Native Corporations)
- Archaeological site Stewardship Program (by the Native Corporations)
- The building of local Native Museums and Cultural centers at the sites of Eyak, Chenega, Tatitlek and <u>Nuchek.</u>
- (New project) Funding for the re-burial of (30) prehistoric Native remains in Prince William Sound.
- (New project) If it is not possible to stop the cutting of certain tracts of land, than the next best idea may be to fund an extensive reforestation program.
- (New project) Archaeological survey of areas along the tanker route that
  has not been investigated. This information would be very useful in the event
  of another spill.

Thank you for your consideration of these projects.

Sincere/y

John F. C. Johnson

Cultural Resource Manager

DECEIVED OCT 0 2 1995

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD Valdez

Tatitlek

William Sound

Eyak

Chenega

Seward

Gulf of Alasks

MAY 2 0 1993

EXXON VALDEZ OIL SPILL
TRUSTRE COUNCIL

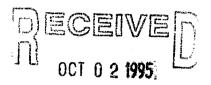
English Bay Port Graham

# the chugach regional resources commission

May 17, 1993

Exxon Valdez Trustee Council 1994 Work Plan Work Group 645 G Street Anchorage, AK 99501

**Dear Trustee Council Members:** 



TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

Thank you for the opportunity to submit comments on the list of potential projects to be included in the 1994 Restoration Work Plan. The Chugach Regional Resources Commission (CRRC) is a Native tribal consortium incorporated within the state of Alaska concerned with natural resource issues in the Chugach region in southcentral Alaska. Its seven member board has one representative appointed by the governing body of each of the seven Native communities in the region. These include the villages of Port Graham, Nanwalek, Chenega Bay, Tatitlek and Eyak and the Seward (Quetecak) and Valdez Native Associations.

It is difficult to comment on a list of project titles without having sufficient backup information to determine whether or not a project should be funded. We have therefore limited our comments to those projects that we know are important to residents of the Chugach Native region. In addition to our comments on the matrix you provided, CRRC is submitting the following four projects to the Trustee Council to be included in the 1994 Restoration Work Plan:

- 1. Village Mariculture Project
- 2. Port Graham Pink Salmon Development Project
- 3. Intertidal Clam Restoration and Enhancement Project
- 4. Nanwalek Sockeye Enhancement Project

We believe that priorities for restoration funding should be spent in the following manner:

- 1. Environmental monitoring and impact studies on fish and shellfish which reside or migrate in the oil spill zone. Fund to FY 2000.
- 2. Oil removal and mitigation efforts requested by local residents in the spill zone. Fund FY 94-95.



3300 "C" Street / Anchorage, Alaska 99503-2775 / Ph. (907) 562-4155 / Fax (907) 563-2891 The Non-Profit Corporation Serving The People Of The Chugach Native Region May 17, 1993, 94 Restoration Plan Oil Spill-Trustee Council

- 3. Restoration or enhancement of lost locally consumed food resources which were found in the oil spill zone prior to the spill. Fund FY 94-2000
  - a. salmon, herring
  - b. shellfish
  - c. bottomfish
- 4. Restoration or replacement of lost resource dependent activities in the oil spill zone including marine supply, docks, land parcels, deeds or leases, and commercial fisheries services. FY 94-2000
- 5. Alternative restoration, replacement and enhancement of damaged resources such as roads, fish ladders, trail improvements, fuel subsidies, fisheries enhancement, community project grants, improving existing access to resources, cultural preservation. FY 94-2000
- 6. Research & Development Foundation for post FY 2000 funding of oil spill restoration projects related to the 1989 spill.
- 7. Replacement of resources damaged by the 1989 spill by acquiring critical habitat parcels for public domain status.

No moneys should be spent outside the EVOS region until data supports recovery of damaged fisheries.

Thank you for this opportunity to provide comments on the list of potential projects to be included in the 1994 Restoration Work Plan.

Sincerely,

Tasha Chmielewski,

**Executive Director** 

cc: Village Councils and Associations

Da Chmeeluslu

Encl

Project Title: Intertidal Clam Restoration and Enhancement Program

Project Category: Intertidal Restoration

Project Type: Fish and Shellfish

Lead Agency: Alaska Department of Fish and Game

Cooperating Agencies: Chugach Regional Resources Commission

Project Term: Multi-phase, ongoing

### INTRODUCTION

The extent of the damage caused by the oil emission on sub-tidal organisms is unknown. Nor is it known to what extent damage has occurred from the Spill at the above-tidal and interior habitat level. Many mussel and clam beds were directly impacted by the Spill and the safety of consuming shellfish and bottomfish near the spill trajectory is of concern. The Chugach Regional Resources Commission, Village Councils and Associations and residents of the Spill region have undertaken initiatives to replace lost fish and shellfish resources and restore confidence in resource dependent activities. Restoration programs for communities that depend on coastal resources are designed with project goals stressing community benefit and cohesion as opposed to individual enterprise.

### WHAT

The scope of this project will be limited to restoring village resources in the Chugach Region. This project consists of "reseeding" clam beds damaged or destroyed by the EVOS or developing new ones in lieu of lost beds. The technique employed is a widely practiced form of semi-intensive bottom culture.

Baseline data collection is necessary for permitting and administrative planning of this program. Necessary surveys and data collection including genetic testing for broodstock development for this program will be conducted as directed by ADF&G. Community participation in site surveys and site selection is important for program goal attainment.

Initial target areas identified by villagers as traditional use (pre-1989) beds are Passage Island/Tulcan & Duncan sloughs, Russian Point, Dogfish Bay, Tatitlek Narrows/Boulder Bay, Bligh Island, Bishop Rocks, and Shelter Bay. Target beds or sites will be surveyed for toxicity and bi-valve habitat quality. These sites will be assessed for potential productivity and alternative sites for seeding will be investigated.

A broodstock development component will be implemented. In cooperation with University of Alaska and ADF&G personnel and pending shellfish hatchery operations, adult clams will be collected from a wild source and transported to the hatchery for development. Local or indigenous species of clams such as butter (*Saxidomus giganteus*) and pacific littleneck (*Protothaca staminea*) will be used.

A clam restoration team will be trained in clam seeding and restoration techniques. The stocking program will continue for a clam life cycle, which is approximately seven years.

Finally, a monitoring component will be initiated.

### WHY

Many traditional use clam beds were oiled by the Spill disaster and rendered unfit for human consumption. Many more beds initially protected from direct oiling were

subsequently damaged by clean-up activities and seasonal reoiling of the coastline. This project is aimed at replacing lost clam resources in the Oil Spill Region.

### **HOW**

August 95

Program Goals: Restore confidence in the safety of subsistence shellfish resources

for traditional use affected by the Exxon Valdez Oil Spill.

Objective: Restore or otherwise replace lost or damaged clam resources in

the Chugach Region by implementing a community operated

clam restoration program.

### **Objectives**

January 94	Program approved/funded by
May 94	Personnel hired and trained
June 94	Sites selected
October 94	Baseline studies and broodstock studies
February 95	Collect Broodstock

Site prepared and seeded

### **Program Components**

1.	Collect baseline data on affected beaches
<b>2.</b> • • • • • •	Investigate regulatory, permitting and leasing requirements
3.	Survey for toxicity, species composition, stock density
4.	Collect adult species for broodstock development
5.	Identify target sites, determine logistical requirements
6.	Solicit or hire trainees and initiate training component
7.	Initiate broodstock development component
8.	Contract and labor operations agreements
9.	Procure equipment and supplies
10.	Designate team composition
11.	Review of baseline data, target sites approved for stocking
12.	Prep team arrives at initial target beaches, prepares beds
13.	Stocking team briefed, seed/materials transported to sites
14.	Preparation and stocking of beaches nearest villages
15.	Preparation and stocking of remote beaches
16.	Monitoring and evaluation component implemented
17.	Results evaluated, presented to advisory for alterations

### **WHEN**

Assuming project receives funding for FY 94, work on objectives will begin in January 94. Clam bed baseline data collection would begin in the summer of 1994 and a monitoring component shortly thereafter. The training component would begin in 1994. A shellfish hatchery is expected to be constructed in the summer of 1994 and be on-line sometime around September of that year. Wild clam adults would be collected from appropriate areas i and transported to the shellfish hatchery for brood-stock development over the winter months. Clam seed would be available for the project the following spring 1995. Stocking of targeted beds would occur during the summer months of each year.

### **ENVIRONMENTAL COMPLIANCE**

Pertinent state and federal permits will be obtained prior to undertaking any seeding or restoration fieldwork.

# **BUDGET**

FY 94 Personnel Contractual Travel Supplies Equipment Other	\$75,000 65,000 20,000 30,000 45,000 5,000
SUBTOTAL	\$245,000
FY 95 Personnel Contractual Supplies Travel Other	\$75,000 40,000 88,000 20,000 5,000
SUBTOTAL	\$228,000
FY 96 Personnel Contractual Supplies Other	\$80,000 40,000 88,000 5,000
SUBTOTAL	\$208,000
FY 97-99 All components, \$210,000/yr. @ 3 years	\$630,000
TOTAL FUNDING REQUEST FY 94-99	\$1,311,000

5/17/93

Title of Project:

Village Mariculture Project

**Project Category:** 

Restoration Enhancement

Project Type: Lead Agency: Fish and Shellfish Alaska Department of Fish & Game

Cooperating Agencies:

Chugach Regional Resources Commission

Project Term:

Multi-phase ongoing

# INTRODUCTION

This project involves the culture of bivalve shellfish for use as a subsistence food and for economic development in Native villages of the Chugach Native region. There are five Native villages in the region; Eyak, adjacent to Cordova; Tatitlek, in northern Prince William Sound; Chenega Bay, in southwest Prince William Sound; and Nanwalek and Port Graham, both of which are located on the southwestern tip of the Kenai Peninsula. All these villages, plus the Quetecak Native Association in Seward will participate in this project. Shellfish have long comprised a significant subsistence food resource for these villages. This resource also has commercial potential for mariculture.

The March 1989 Exxon Valdez oil spill adversely affected the waters and beaches utilized by the villagers. The oil spill affected the long-standing reliance of Chugach Native villages on the productivity of the marine habitat for their livelihood and traditional lifestyles. Damage assessment studies determined that there was injury to subsistence shellfish species, particularly clams and mussels.

Shellfish resources in the oil spill region were affected in two ways. First, the sheltered habitats that were most hospitable to shellfish were also most protected against Prince William Sound's natural cleansing action. Oil spill residues tend to persist in contaminated shellfish habitats. Second, the tendency of shellfish to accumulate, concentrate and store toxic contaminants such as polycyclic aromatic hydrocarbons (PAHS) compounds this habitat injury. An active approach to replace lost resources is needed.

The upshot is that the oil spill badly eroded community confidence in the healthfulness of this subsistence shellfish stock. It also arrested initial efforts to explore the commercial feasibility of shellfish mariculture. A pilot commercial mariculture project underway near the Chenega Bay village in 1989 was aborted because of the oil spill. Thus, the oil spill has given special impetus and urgency to ongoing efforts to initiate Native sponsored shellfish mariculture projects. Mariculture is a feasible and cost effective means to conserve, repair and enhance the natural productivity of the renewable resource base.

#### WHAT

The broad, long range goal of the village mariculture project is to strengthen the villages' economic well-being and self-sufficiency through the culture of shellfish stocks for subsistence and commercial harvest. This multi-phase project is aimed at replacing bi-valve resources no longer readily available to local residents. The project provides an alternative source of shellfish resources for village consumption while also providing an economic benefit to village residents adversely impacted by the spill.

Three specific project sub goals are identified to implement the long range goal to strengthen Chugach Native village and association economies and economic self-sufficiency:

- 1. Develop village-owned and managed commercial mariculture enterprises which will eventually provide the funds required to make the entire mariculture project self sufficient
- 2. Create new local opportunities for employment and earned income.
- 3. Restore/enhance traditional subsistence as a supplement to cash income.

CRRC has initiated start-up of oyster farms in the villages of Tatitlek, Eyak and Chenega Bay. Activities in the latter village were temporarily halted because of the EVOS. Villages have completed the first phase of the development of an initial mariculture facilities installation, initiated maintenance activities and expanded the mariculture training program for the villagers. This project will facilitate making these projects operational.

A second phase, currently underway, aims at establishing oyster farm operations at the villages of Port Graham, Seward, and Eyak and the transfer of management responsibilities of established farms from CRRC to the Villages or Native Associations themselves. First year objectives for Nanwalek, Port Graham and Seward will be to identify potential sites for mariculture operations and initiate permitting procedures required for mariculture development. Objectives for the ensuing years of the project will involve establishing mariculture operations for these villages, continued training, expanding production and continued market development.

A third phase involves the transfer of culture techniques for other bi-valves and sea vegetables to the farms in the Chugach Region. All phases require the marketing of non-subsistence shellfish products as well as financial, logistical, administrative and educational assistance for farmers and community support personnel.

#### WHY

This project will provide the villages of the Chugach Native region with a means to develop the local bivalve resource in a manner that provides some level of protection against manmade disasters such as the EVOS. The local marine environment offers one of the very few opportunities available to these villages for economic development. As well as being an efficient way of utilizing the local marine environment, the mariculture techniques that will be utilized in this project will allow steps to be taken to protect the shellfish that are under culture from the effects of disasters such as EVOS. Such steps could include moving the shellfish to a safe area or sinking them in subtidal water.

The project is designed to provide a long term source of income and subsistence food. It will provide a means for the villagers to maintain their traditional lifestyle in the face of increased and sometimes conflicting use of the area of the Chugach region. The project has already done through feasibility testing and is designed to become self sufficient after the development stages which will take the next five years. Development will consist of purchase and installation of seed and equipment, training interested villagers in mariculture techniques, and setting up a management structure in each village to take over the project after the development stage. Since the project will lead to a commercially viable operation, it is more likely to be self supporting in the future and ultimately require less restoration funding. The mariculture operations in each village are community based and owned by the local government entity.

# HOW

The basic strategy for the village mariculture projects will be to concentrate initially on oyster culture. The reasoning is that oyster seed is readily available for culturing, there is a good market for oysters grown in Alaska, and oyster have proven to be an acceptable substitute for local shellfish species (oyster are not indigenous to Alaska) for subsistence use. The objective will be to

set up a mariculture operation in each village that will produce about 650,000 marketable oyster per year.

The feasibility of establishing mariculture projects in the Native villages of the Chugach region has been tested extensively in Tatitlek, Chenega Bay and Eyak with very encouraging results. In addition, data collected from the Port Graham/Nanwalek area and from potential sites in the vicinity of Seward suggest the mariculture would be successful in these areas as well.

For those villages that already have permitted mariculture areas, the procedure will be to establish new oyster culture operations or increase existing operations to commercial production levels. A mariculture specialist will be retained to organize the operations in these villages, help put together village crews for training and initiate a training program that will run concurrently with the development of the mariculture operations. Mariculture development plans, required as part of the permitting process, will be followed in setting up and developing the culture sites.

For those villages without permitted sites, initial efforts will concentrate on locating suitable sites and submitting permit applications. Criteria used for locating sites will include the presence of residual oil, the amount of tidal flow, level of protection from adverse weather, upland ownership and ease of access from the village. It may be that for some reason it is determined that mariculture is not practical or feasible for a particular village at this time. In this case the village will be dropped from the project.

In addition to oysters, there is good potential for the culture of clams and scallops as well as the availability of good markets for these products. Clams and scallops are also important for subsistence use. It is hoped that this project can investigate the potential for clam and scallop mariculture however a reliable source of seed needs to be established before this can happen.

The bulk of the cost for this project will go to training village residents in mariculture and in establishing a management structure for each village. In order to have an effective program it will be necessary to maintain these aspects of the project. Some cost savings could be realized by reducing the amount of seed and culture equipment. However, this would result in village projects with inefficient levels of production.

PHASE I: CRRC offers training and financial assistance to host villages of Tatitlek, Chenega and Eyak. Oyster spat are placed in lantern nets and suspended on long lines in near shore waters in spring and tended throughout the year by local farmers. The oysters are grown to market size in 14-18 months and are then harvested, cleaned, packed and shipped to market. It takes two to three years for a farm to produce a reliable, marketable product.

PHASE II: New oyster farms are initiated in Port Graham, Seward and Eyak with training and start-up capitalization. Business management responsibility for established farms is transferred from CRRC to the villages. Pilot culturing of scallops, blue mussel, clam, and laminara is initiated where most feasible.

#### ENVIRONMENTAL COMPLIANCE

To obtain a permit a mariculture site must meet the criteria set forth in the Corps of Engineers general permit for mariculture projects in Alaska (GP 91-7). They must also be in compliance with the local coastal zone management plan. An environmental impact analysis has not been necessary for permitted mariculture sites.

# WHEN

The 1989 start-up of the Chenega farm was temporarily halted by the EVOS and reinitiated in 1992. Oyster farming in Tatitlek began in 1991. Permits are now being sought for new farms. An on-line shellfish hatchery with broodstock development will accelerate success of this project.

# For villages without permitted mariculture sites:

March 1 - March 30, 1994

Identify suitable sites

March 1 - April 30, 1994

Apply for mariculture permits

March 1 - March 30, 1995

Obtain permits

# For villages with permitted sites:

Jan 1- Dec 31, 1994

Organize village crew, set up training schedule and initiate training

Jan 1 - Jan 31 1994 March 1 - June 30, 1994 Order culture equipment and seed Install culture equipment and seed

March 1 - March 30, 1994

Initiate ongoing maintenance schedule for mariculture operations

Ongoing

Continue training and maintenance

# Second Year

January 1995

Order new seed

March 1 - June 30, 1995

Install new seed

July 1995 - ongoing

Sort out market sized oysters from first year seed and place in

intertidal hardening area

August 1995 - ongoing

Begin to market oysters

Ongoing

Training and maintenance

The remaining years of the project will concentrate on increasing production efficiency in order to bring each village operation to the 650,000 marketable oyster per year level, and to increase marketing effort and improve transport.

# **BUDGET (\$K)**

Sub-total \$564.3

General

Administration 24.8

Project Total \$589.1

Title of Project:

Nanwalek Sockeve Salmon Enhancement

**Project Category:** 

Restoration, Manipulation and/or Enhancement

Project Type:

Fish And Shellfish

Lead Agency:

Alaska Department of Fish & Game

Cooperating Agencies:

Chugach Regional Resources Commission

Nanwalek Village Council

Project Term:

Multi-phase, ongoing

#### INTRODUCTION

The sockeye salmon return to the English Bay River near the villages of Nanwalek and Port Graham was once a primary source of subsistence and cash for the villagers. Over the past 12 years or so the returns have been dropping steadily from the 30,000 range to the current 5,000 range. This has resulted in a complete closure of the commercial fishery and a major reduction in the number of fish allowed to be taken for subsistence.

The EVOS clean-up effort had a negative impact on the English Bay sockeye. Boom deployment during the early phases of the clean-up trapped a large number of outmigrating sockeye smolt in the boom curtain on the ebbing tides causing high levels of mortality. This, plus the loss of other subsistence resources in the area by the spill and the basic health concern that the villagers have with eating fish and marine plants from the spill area, has put emphasis on the need to build the English Bay sockeye return back up to a level that will support heavy subsistence use and a revived commercial fishery.

Studies were undertaken in 1990 by the Chugach Regional Resources Commission in cooperation with ADF&G to determine the best approach to increasing the English Bay sockeye return. In was determined that smolt production in the system was the bottleneck to increasing the returns. A smolt production pilot project was initiated in 1991 employing lake pen rearing techniques to rear English Bay sockeye fry produced in a hatchery to presmolt in net pens and releasing into the system in the late fall for outmigration the following spring. The project proved successful and has been upgraded and expanded for both 1992 and 1993.

This project is proving to be a cost effective method of increasing the return to the English Bay River system. If successful over the long run it will provide a safe, reliable and badly needed supply of salmon to meet the area's subsistence and economic needs.

#### WHAT

This project will help support the Nanwalek Sockeye Salmon Enhancement program. This includes expanding the project to produce adult returns of around 300,000 per year, which involves increased pen rearing capacity, an improved smolt outmigration monitoring system as well as an improved adult return monitoring system, permanent egg take facilities at English Bay and completing the sockeye incubation module at the Port Graham hatchery. This project will also pay part of the cost of operating the project until it becomes self supporting which is expected to occur by the year 2000.

#### WHY

This project will provide the villages of Nanwalek and Port Graham with the means to increase the local sockeye run. In the past this run has been a vital part of the economic and social fabric of these communities. With the safety and availability of other fisheries resources in the area in doubt, the need to restore and enhance this sockeye run is more important than ever. This resource has the potential of providing these villages with a safe and reliable supply of a traditional subsistence food. In addition, the project can provide a resource base to support the rejuvenation of the local set gill net fishery that was historically a principal source of cash the the villagers as well as help support the operation of the Port Graham processing plant.

#### **HOW**

The goal of the Nanwalek Sockeye Enhancement Project is to restore and enhance the sockeye return to the English Bay River system to the extent that it will support the local subsistence and commercial fisheries, provide raw material for the Port Graham processing plant and allow sufficient cost recovery from the return to cover operating expenses aver the long term.

This will be achieved by creating an annual sockeye run to English Bay in the range of 300,000 adults. Lake pen rearing of sockeye fry to presmolt will be employed to produce enough smolts to create such a return. Nearly 4 million presmolt will need to be produced to achieve an adult return in the 300,000 range. Additional pen rearing systems and associated supplies and equipment as well as support facilities will need to be purchased and installed to achieve this level of production. A better egg take facility and an improved in and out migrant monitoring system must also be developed. In addition, a portion of the project operating cost will need to be covered until the program becomes self supporting.

In order to maintain the current development schedule, additional rearing modules will be installed over the next five years until the 4 million presmolt capacity is reached. Improved egg take and in and out migrant monitoring facilities will be installed as soon as possible.

# **ENVIRONMENTAL COMPLIANCE**

Development permits for this project have been obtained including a fish transport permit and a compliance determination with the Kenai Peninsula Coastal Zone Management Plan. An environmental assessment would not appear necessary.

#### WHEN

#### FY 94

FY 95

Upgrade smolt out migration and adult escapement monitoring system

Obtain coded wire tagging equipment to improve program evaluation

Upgrade pen rearing system and increase capacity to 1 million smolt

Expand sockeye incubation module at the Port Graham hatchery to 2 million eggs

# Upgrade egg take facility

Expand sockeye incubation module at Port Graham hatchery to 4.5 million eggs Increase pen rearing system to 1.5 million smolts

# FY 96

Increase pen rearing capacity to 2 million smolts
Expand support facilities to keep up with increased production

# FY 97

Increase pen rearing capacity to 3 million smolts
Expand support facilities to keep up with increased production

# FY 98

Increase pen rearing capacity to 4 million smolt Complete support facility expansion

# **BUDGET**

FY 94		FY 97	
Personnel	\$83.1	Personnel	\$92.8
Travel	\$4.7	Travel	\$5.5
Contractual	\$45.0	Contractual	\$52.0
Equipment	\$27.0	Equipment	\$43.0
Capital Outlay	\$83.8	Capital Outlay	\$101.6
Subtotal	\$243.6	Subtotal	\$294.9
General Administration	\$10.5	General Administration	\$13.3
Project Total	\$254.1	Project Total	\$308.2
FY 95		FY 98	
Personnel	\$85.7	Personnel	\$99.1
Travel	\$5.0	Travel	\$5.5
Contractual	\$47.0	Contractual	\$55.0
Equipment	\$15.0	Equipment	\$12.0
Capital Outlay	<u>\$74.1</u>	Capital Outlay	\$69.8
Subtotal	\$226.8	Subtotal	\$241.4
General Administration	\$10.2	General Administration	\$10.9
Project Total	\$237.0	Project Total	\$252.30
FY 96			
Personnel	\$88.3		
Travel	\$5.5		
Contractual	\$47.0		
Equipment	\$35.0		
Capital Outlay	\$66.8		
Subtotal	\$242.60		
General Administration	\$10.9		
Project Total	\$253.50		

Title of Project:

Port Graham Pink Salmon Enhancement

**Project Category:** 

Restoration, Manipulation and/or Enhancement

Project Type:

Fish and Shellfish

Lead Agency:

Alaska Department of Fish & Game

Cooperating Agencies:

Chugach Regional Resources Commission

Port Graham PNP Hatchery Corporation

Project Term:

Multi-phase, ongoing

# INTRODUCTION

The salmon processing plant in Port Graham had been the main source of employment for the residents of Port Graham and Nanwalek for many years. Because the oil spill caused a sharp reduction in the number of salmon available for processing in 1989 the Port Graham plant was forced to close. It has not been operated since. The closure of the plant has had an enormous adverse economic impact on both Port Graham and Nanwalek. Both villages are anxious to get the plant operating again.

One of the requirements of getting the processing plant back into operation will be creating a local return of salmon to provide the plant with a sufficient supply of raw material. The local wild salmon run (Port Graham River) is insufficient to meet the needs of the plant plus it too was impacted by the oil spill. Boom deployment in Port Graham during the spill clean-up killed large numbers of firy as they migrated out of the river. These losses have adversely effected the 1990 and 1992 pink salmon returns.

A pink salmon hatchery is currently being built at Port Graham that will result in the creation of a 3.5 million pink salmon adult return annually. This run will be used to enhance the Port Graham River return, support the local commercial and subsistence fisheries and supply the processing plant. Hatchery operating costs for the long term will be covered by selling up to one third of the return for hatchery use. The hatchery will also be used to produce sockeye fry for the Nanwalek sockeye project.

Hatchery development began in 1990 with a feasibility study. Successful completion of the study resulted in the construction of a small hatchery in the net loft of the processing plant and an egg take of 3 million pink salmon eggs in 1991. Hatchery capacity was expanded to 20 million eggs for the 1992 return, however, the poor wild return to the Port Graham River (the hatchery broodsource) precluded the taking of any eggs for the hatchery. Capacity has been expanded to 30 million eggs for the 1993 season and a 20 million to 30 million egg take is planned.

# **WHAT**

This project will pay for the completion of the Port Graham hatchery. This includes expanding pink salmon incubation capacity from the current 30 million eggs to 110 million eggs, finishing off the sockeye salmon module for the Nanwalek project and constructing a permanent broodstock holding and egg take facility. This project will also pay for part of

the operating costs of the hatchery until it becomes self sufficient. Hatchery self sufficiency is expected to occur in 1998 if the current development schedule can be maintained.

# WHY

This project will provide a resource base which will be used by the villages of Nanwalek and Port Graham to rejuvenate both the social and economic structure that had been severely impaired as a result of EVOS. It will provide a safe and reliable supply of salmon for subsistence use, help support the local seine and gill net fisheries and provide a sufficient supply of salmon to justify reopening the Port Graham processing plant.

The project has already gone through feasibility testing and will become self sufficient after the development stage. This enhancement program is community based and controlled by the Port Graham village council.

# **HOW**

The goal of the Port Graham pink salmon enhancement program, of which this project is a part, is to help restore and enhance the pink salmon resource in Port Graham so that it will again support the local subsistence and commercial fisheries, provide sufficient raw material to justify reopening the Port Graham salmon processing plant and allow sufficient cost recovery from the enhanced returns to support the operation of the enhancement program over the long term.

In order to maintain the current development schedule the hatchery will need to achieve its maximum permitted incubation capacity of 110 million eggs by June, 1995. In order to accomplish this additional incubation space will have to be constructed as well as the broodstock holding and egg take facility. In addition, a portion of the hatchery operating cost will need to be covered until the hatchery becomes self supporting. This project is intended to cover those costs.

Approximately 4,000 square feet of additional hatchery space will be required to accommodate the additional 80 million eggs that will be needed to achieve maximum permitted capacity. Associated incubation equipment and supplies will also be needed. The need for the additional space will be met by adding on to the existing processing plant and dedicating this addition to hatchery use.

A floating broodstock holding and eggtake facility will be needed to hold the 192,000 adult pink salmon needed to produce a 110 million egg take. This facility will require a supply of fresh water to aid in the egg ripening process. The fresh water will be supplied by repairing an existing dam that was once used to supply water to the processing plant, and running a supply line out to the holding facility.

The preliminary design work has been completed and most of the permits obtained for this project. Once funding is received final design work will be completed, all necessary permits obtained and bids let so that construction can commence during the 1994 season.

# **ENVIRONMENTAL COMPLIANCE**

The hatchery at Port Graham already has all the federal and state permits required for a private nonprofit hatchery in Alaska. It has also been determined to be in compliance with the Kenai Peninsula Coastal Zone Management Plan. An environmental assessment would not appear necessary.

# WHEN

This project will observe the following schedule, assuming that funds are appropriated for FY 94.

October 1, 1995 to I column 1, 1991.	October 1,	1993 to	February 1	, 1994:
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February 1, 1994 to March 15, 1994:

Final design and permitting

Bid requests for portions of project that

require extensive construction

March 30 1994:

April, 1994 to November 1994 November 1994 to July 1995

October 1, 1994 to September 30, 1998

Bids awarded

Construction; order equipment and supplies Install equipment; make facilities operational Help support hatchery operational costs

# **BUDGET**

FY 94		FY 95	
Personnel	\$97.5	Personnel	\$102.0
Travel	\$12.5	Travel	\$7.5
Contractual	\$57.0	Contractual	\$45.0
Commodities	\$112.5	Commodities	\$85.0
Equipment	\$117.7	Equipment	\$110.0
Capital Outlay	\$840.0	Capital Outlay	0.0
Subtotal	\$1,237.2	Subtotal	\$349.5
General Administration	\$54.4	General Administration	\$15.2
Project Total	\$1,291.6	Project Total	\$364.7
FY 96 through FY 98			
Personnel	\$110.0		
Travel	\$7.5		
Contractual	\$45.0		
Commodities	\$85.0		
Equipment	\$25.0		
Capital Outlay	0.0		
Subtotal	\$272.50		
General Administration	\$12.0		
Project Total	\$284.5		

Name: Chuquel Required Resources Commission Phone: 562 4155 or 6647

RESOURCE of SERVICE	RESTORATION OPTION  SUBOPTION	POTENTIAL PROJECTS	REC P X W E	K O	(*OS)VVII	EST DURATION (YEARS)	1 9 9	1 9 9 5	1 9 9	1 1 9 9 9 9 7 8	1 9 9	2 -0 0	Do Not Fun
1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	ΧX	\$41	M				╬	-		
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	x	1	\$300	1				_	+-	1	
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	X 2	хx	\$200	М	1			+	1		
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	x :	ΧХ	\$525	М	<u> </u>	$\neg$					
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	X X	хx	\$400	М	<b> </b>						1
6	Option Not Identified	Restoration of Chenega Village Site	х	$\top$	\$75	1							
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	ХX	\$300	93 - M					1		
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS	X		\$230	M							
9	Public Information	Heritage Information Replacement	X	ΧХ	\$200	М							
10	Public Information	PWS Landmarks-Evaluation and Interpretation	X		\$400	М							
11	Public Information	Public Education and Interpretation of Archaeological Resource	X	X	\$400	M							
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X Z	x x	\$225	М							
13	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	ΧX	\$150	М							
- 14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X   2	x x	\$210	М							
15	Site Stewardship Program	Archaeological Site Stewardship Program	X Z	x x	\$114	M							
16	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X		\$1,200	1							
17 Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X :	хx	\$262	М							
18	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X :	хx	\$10	М							
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X I	хх	\$200	М							
20 Black Oystercatch	ner Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X :	хx	\$108	93 - M	1	/	1	11	1	V	1
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	x	1	\$125	М	1	V	1	VV	/	1	7

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RESTORATION ORTION POTENTIAL PROJECTS RESOURCE COSTINIA DURANTO IVEARS SUBOPTION SERVICE 22 Black Oystercatcher Restoration Monitoring Commercial Fishing Habitat Protection and Acquisition  $\mathbf{x} \mathbf{x} \mathbf{x}$ \$1,100 Weir And Conservation Land Acquisition XXX 1111111111 \$385 М 24 Intensify Management Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources  $\mathbf{x} \mathbf{x} \mathbf{x} \mathbf{x}$ 25 Intensify Management Fishery Industrial Technology Center \$3,500 x 26 \$150 Intensify Management Model for Capacity of Salmon Production for the Susitna Drainage x 27 \$300 M Intensify Management Susitna River Sockeye Salmon Production Evaluation  $\mathbf{x} \mathbf{x} \mathbf{x} \mathbf{x}$ М \$200 28 Monitoring Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment Option Not Identified Payoff Debt of Valdez Fisheries Development Association \$5,000 --1 29 Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery X М \$868 30 Recovery Monitoring  $\mathbf{x} | \mathbf{x} | \mathbf{x}$ \$50 М Recovery Monitoring Wild Fish Stock Information Assessment \$45 M 32 Replace Harvest Opportunities Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island \$80 М 33 Replace Harvest Opportunities Montague Island Chum Salmon Restoration \$50 М Replace Harvest Opportunities Paint River Fish Ladder Salmon Stocking Program Replace Harvest Opportunities Red Lake Mitigation \$191 35  $|\mathbf{x}|\mathbf{x}|\mathbf{x}$ Common Murre \$280 М Feasibility Study: Improve Nest Sites Testing of the Feasibility of Enhancing Productivity x x x Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement \$51 93 - M 37 Feasibility Study: Social Stimuli x x x М 38 Feasibility Study: Social Stimuli Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study \$73 39 Recovery Monitoring OUT  $|\mathbf{x}|\mathbf{x}|\mathbf{x}$ \$191 М Common Murre Population Monitoring  $\mathbf{x} \mathbf{x} \mathbf{x}$ Reduce Disturbance Reduce Disturbance Near Murre Colonies Injured by the Oil Spill \$40 М 40

Remove Introduced Species

Removal of Introduced Predators from Bird Colonies

\$460

OUT

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Name: Chucyach Regional Resources Commission Phone: 562-6647-074155

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS		GI K E N		EST. COST/YR SK	EST. DURATIO (YEARS	1 9 9	1 9 9 5	1 1 9 9 9 6 7	1 9 9	1 2 9 0 9 0	2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
42	Common Murre	Restoration Monitoring				·		М					1	
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	Х			\$200	М						111
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	М						
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	М						
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	х			\$950	М						
47		Restoration Monitoring						M					T	
				-		-								
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	Х	Х	\$600	1						
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	М						
50		Option Not Identified	Hazardous Material Collection Facility		Х	-	\$100	1						
51	-	Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	Х	Х	\$488	М						
52		Public Information	Public Broadcasting System Program on Oil Spill	X	Х	X	\$70	М				1		
53		Public Information	Publish and Distribute Brochures on Injured Species	X	Х	x	\$90	М						
54		Public Information	PWS Brochures	X			\$65	М						
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	М						
56		Public Information	PWS Large Format Photographic Book	X			\$100	М						
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X			\$70	М						
58		Public Information	PWS Video Programs	X			\$100	М						
59		Public Information	Science of the Sound- Education Program	Х			\$53	М						
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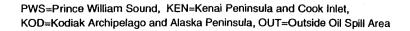
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RESTORATION OPTION RESOURCE POTENTIAL PROJECTS REGION EST. (a) (a) (a) (b) (b) (c) SERVICE 60 Harbor Seal Cooperative Program-Fishermen 61 Monitoring Trends in Abundance of Harbor Seals in PWS \$39 Monitoring 62 \$23 Option Not Identified Subsistence Harvest Assistance 93 - M 63 Option Not Identified Habitat Use and Behavior of Harbor Seals in PWS \$165 VVVVV  $\mathbf{x} | \mathbf{x} | \mathbf{x}$ 64 \$230 М Recovery Monitoring Habitat Use, Monitoring, Population Modelling, and Information Synthesis Harlequin Duck Eliminate Oil from Mussel Beds 66  $\mathbf{x} \mathbf{x} \mathbf{x}$ \$700 93 - M Monitoring Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis  $\mathbf{x} \mathbf{x} \mathbf{x}$ 67 \$53 M Option Not Identified Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data Intertidal  $\mathbf{x} \mathbf{x} \mathbf{x} \mathbf{x}$ Accelerate Recovery of Intertidal Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study 68 \$20 69 Accelerate Recovery of Intertidal Fucus Restoration Feasibility Study \$70 М  $\mathbf{x} \mathbf{x} \mathbf{x}$ 70 \$300 Accelerate Recovery of Intertidal Restoration of High-Intertidal Fucus М  $\mathbf{x} \mathbf{x} \mathbf{x}$ 71 \$50 Accelerate Recovery of Intertidal Beach Subsurface Oil Recovery М 72 М Accelerate Recovery of Intertidal Hydrodynamic Purging of Oil from Contaminated Beaches, PWS \$500 73 Accelerate Recovery of Intertidal \$800 М Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material 74 М Accelerate Recovery of Intertidal Restore Shorelines Injured by Beach Berm Relocation x | x | x75 \$620 М Monitoring Coastal Habitat Injury Assessment - Intertidal Algae 76 Monitoring Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS \$600 М 77 \$500 M Monitoring Coastal Habitat Comprehensive Intertidal Monitoring Program 78 Monitoring Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait \$200 M 79  $\mathbf{x} \mathbf{x} \mathbf{x}$ Monitoring Intertidal/Shallow Subtidal Crustacean (Decapod) Composition \$275 М  $|\mathbf{x}|\mathbf{x}|\mathbf{x}$ 80 Monitoring Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams \$50 М VV VV x x x 81 \$186 Monitoring Monitoring for Recruitment of Littleneck Clams

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Name: Charge Rogional Resources Commission 1994 POTENTIAL PROJECT TITLES Phone: 542-455 or 6647

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	GIC		EST.	EST.	1	1	1	1	1 1	2	2 0	
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	SERVICE	SUBOPTION	The second of th		LJ.	D	\$K	(YEARS)	Ļ.			4	Ľ	Ľ	<u> </u>	4
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons		X		\$500	M					_	4	1	
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring		X		\$600	M	ļ					_	1 1-	
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing		X		\$195	<u> </u>	1						_	
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M				_			1	.
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M	ļ.,							
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project		X		\$860	M	1	V	1	1	1	//	1/	
88		Option Not Identified	Clam Enhancement		X		\$120	M	.							
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels		X		\$500	M	ļ						1. 1.	.
90	THE STATE OF THE S	Option Not Identified	Restoration of Mussel Beds		X		\$500	M								
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	М			_				1.1.	
-	<u> </u>		clutertidal Claim Restoration and Enhancement	×	X		\$250	<u>M</u>	~			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>			
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	×	$\left  \cdot \right $	-	\$120	93 - M	-	$\vdash$				-	+-+	
93		Monitoring	Recovery Monitoring	X			\$125	М	T-						1 1	
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	х	$\Box$		\$180	М	1					-	1-1	
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	×				М	1				- 1			
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96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M							1-1-	
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	Х	X	X	\$180	93 - M						_		
98	-	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	Х	X	X	\$250	М								
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M				_		_   _		
100		Minimize Incidental Take							_							_
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M	1							



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	RESOURCE or SERVICE	RESTORATION OPTION  OF SUBOPTION	POTENTIAL PROJECTS	R	K E N	ON к о о	EST. COST/YR SK	EST. DURATION (YEARS)	1 9 9	1 9 9 5	1 9 9 6	1 1 9 9 9 9	1 9 9	2 0 0 0	Do Not Func
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M				1	-		
1.02		Trestoration Monitoring	Survey to Monitor recovery of Marbied Multielets		1	<del> ^ </del>	Ψ230								
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103	Multiple Resources	Habitat Protection	Habitat Modelling	X	x	x	\$150	M			-				
104		Habitat Protection	Riparian Habitat Assessment	×	<b></b>	X	\$110	М	- 1			-   -			
105		Habitat Protection	Stream Channel Capability Modeling	X		X	\$110	M							
106		Habitat Protection	Stream Habitat Assessment	X	ļ	х	\$361	93 - M			+			-	
107		Habitat Protection	Valdez Hazardous Waste Collection	x	1		\$200	1					+		
108	and a second distance of the second distance	Habitat Protection	Vegetation and Stream Classification and Mapping	x	X	X	\$276	93 - M					<u> </u>		
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	Х	X	х	\$100	М				1			
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	Х	Х	х	\$750	M				.   .	-		
111	1	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		Х	x	\$111	1							
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1				7			
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			х		1							
114	The state of the s	Habitat Protection and Acquisition	Valdez Duck Flats	×				1				-			
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		Х		\$20	1					1		
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1							
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1							
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	Х			\$3,500	t							
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	11							
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1							
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1							
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	11							
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		Х		\$400	1							
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1							
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	11							
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1							
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak		L	x	\$112,500	11							

# 1994 POTENHAL PROJECT TITLES

Name: Chugael Regional Resources Commession Phone: 542-4155/ 6647

	RESOURCE	RESTORATION OPTION POTENTIAL PROJECTS REGION EST.		EST.	1	1 1	1	1	1 2	2 2	8				
	or SERVICE	OF SUBOPTION	in the second second second second second second second second second second second second second second second	P W S	K E N	К О D	COSTA'R \$K		9 9 4	9 9	9 9 7	9 9 8	9 0	) 0 0 0	ot Fund
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	\$20,000	1		į					
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	11							
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			Х	\$1,000	11							
131		Increase Natural Food Supply								L					
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	Х	Х	X	\$50	М							
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	Х	Х	х	\$408	M							
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	Х			\$200	М			_				
135		Intensify Management	Hestoration of Second Growth Habitat for Wildlife in PWS	х			\$40	M							1
136		Intensify Management	Seabird Colony Restoration	Х	X	X	\$250	M							
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	Х			\$250	М	1	1	11	~	/ 1	11	1 1
138		Monitoring	Shoreline Worm Life Monitoring	X	X	L1	\$388	M_							
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	Х	Х	\$416	M							
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	Х	one billion	М							
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	Х	х	\$280	M		i					
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	Х	Χ	Х	\$7	М							
143	_	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	Х	Х	X	\$650	1		1					
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	Х	Х	Х	\$48	М							
145		Option Not Identified	Shoreline Assessment	X	Х	Х	\$250	93 - M							
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			х	\$28	М							
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	Х	Χ	х	\$500	93 - M							
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	M							
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute.	X	X	X	\$2,300	1'							
150		Recovery Monitoring	Injured Resource Food Supply	Х	Х	х	\$850	М							
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	Х	Х	х	\$500	М							
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		Х		\$600	М							
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	Х			\$80	М							
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	Х	Х	х	\$150	М							
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	Х	Х	Х	\$100	M						- 1	
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	Х	Х	х	\$200	М							
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	Х			\$35	М							

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	REGION EST.		EST.	,	, 1	Ţ, <b>T</b>		Ι.	Ι,	Ι,
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158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	x		\$91	М					. [	_[	
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	x	$\mathbf{x} \mathbf{x}$	\$275	93 - M							
60		Reduce Disturbance by Field Presence												
61		Reduce Disturbance Through Public Info	Public Information and Education	X	ХX	\$316	M					<u>l</u>	].	
62		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	. x	хх	\$50	М							
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	хх	\$500	М							
64		Restoration Monitoring	Ecosystem Study	X	хх	\$6,000	М							
		<u> </u>												1
65	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X		\$205	М	1	/	1	11	/ /	/ /	V
66		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	М	1	✓ ✓	1	/ \	1/0	1	<b>/</b>
67		Intensify Management	PWS Herring Tagging Feasibility Study	X		\$112	М	-						
68		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	М							
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	M							
70		Option Not Identified	Enhancement of Pacific Herring	X	хх	\$120	M							
171		Restoration Monitoring										_L	L	_[]
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	x	x x	\$40	93 - M							
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	x	хх	\$180	М							
74		Restoration Monitoring												
75		Temporary Predator Control												
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Name: Chegach Regional Resources Communication 994 POTENTIAL PROJECT TITLES Phone: 512-455 / (21647

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SERVICE	SUBOPTION		s	N	D	SK	(YEARS)	5	6	7	8	9	<sup>3</sup> 1	und.
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	X	X	\$25	M							
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1						_	
178	Fish Passes and Access	Otter Creek Fish Pass	x			\$130	1							
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1							
180	Fish Passes and Access	Sockeye Creek Fish Pass	Х			\$60	1			_				
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1							
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	x	Х	\$727	M		_					
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	M		_					
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x	_		\$855	M	ļ						
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X	_		\$500	M							
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x			\$253	М	_ _						
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	X	X	\$152	M							
188	Intensify Management	Pink Salmon Escapement Enumeration	X	Х	X	\$705	М							.
189	Intensify Management	PWS Salmon Stock Genetics	X			\$150	M	_	_	.	]			
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X	_		\$66	М	_						
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	М	_	_	_	11			
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	M		1	_				_
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X	4	_	\$141	M	1	_	ļ				_
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X		-	\$385	93 - M		1.					
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М	_			1 1			
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	M	_			ļ			
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197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	M	_				.	_	
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	\$6,000	1	_				-		_
199	Establish Marine Environmental Institute	Seward Sea Life Center	X			\$40,000	1	_	1		1_1			
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X		\$500	М	1	1	1				
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	Х	X	\$500	M							

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202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System		1	X	\$500	1	Ī						
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1			-			-	
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	х			\$50	М							
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	М							
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	×			\$58	М							
207	Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	М							$\top$
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1				-			
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х	1		\$20	1							
210	New Backcountry Recreation Facilities	Improve Marine Parks	х	X	Х	\$100	М							
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1				1			7
212	New Backcountry Recreation Facilities	Prince William Sound Campground	Х	-		\$70	1			T				
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	×	X	X	\$150	М							
214	New Backcountry Recreation Facilities	PWS Kayak Trail	X			_\$100	1				T			
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	Х			\$250	1				1			
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1		Ï					
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	М				1			
218	Option Not Identified	Sustainable Tourism in PWS	X			\$240	М							
219	Option Not Identified	Watchable Wildlife	X	X	X	\$65	M							
220	Option Not Identified	Increased Access PWS	×			\$100	М			-  -				
221	Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	М							
222	Restoration Monitoring			-				1						
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	М							
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1							
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	x	\$310	М							T
226	Visitor Center	Cordova Environmental Education Center	Х			\$15	1							
227	Visitor Center	Cordova Mini-Imaginarium	X			\$63	1							
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	М							
229	Visitor Center	Environmental Education Center in PWS	X			\$90	1							
230	Visitor Center	Environmental Learning Resource Center	Х	X	X	\$90	1	1						
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	Х			\$450	1	1		1				

# 1994 POTENTIAL PROJECT TITLES

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	SERVICE	SUBOPTION	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s	N	D		(YEARS)	<u> </u>				Ĺ	Ľ	1 5
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1			<b> </b>				
233	)	Visitor Center	Interpretation of PWS	X			\$10	М					_	<u> </u>	
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	. 1	ļ			_	-		
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1	ļ. <u>.</u>						
236		Visitor Center	Valdez Visitor Center	X			\$850	1					ļ		
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237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	М .		-	$\vdash$				
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	x	• •		\$40	М	+						. } .
239		Restoration Monitoring			ļ ļ					-			-		
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	х	\$99	1	+-				+		
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241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	Х	х		\$175	M·							
242		Monitoring	Monitoring Injury to Rockfish in PWS	х			\$117	М	1		1	1	/ /	1	
243	The state of the s	Monitoring													
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1	Sea Otter	Cooporative Prgm-Subsistence Users								-			ļ.		,
245	<del>                                     </del>	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas		X		\$83	M	<u> </u>	<u> </u>					,
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality		X		\$337	- M	ļ	<b> </b>					, İ
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters		Х	1	\$450	M	<u> </u>				4-		·
248		Monitoring	Sea Otter Population Dynamics	X	Х	X	\$291	93 - M	_	ļ			1-		
249		Restoration Monitoring		$\perp$											

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	SERVICE	SUBOPTION		s	N 1	SK SK	(YEARS)	4	5	6	8	9	ō	1 Pund			
250	Sea Otter	Study: Eliminate Oil from Mussel Beds								Ī	1						
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251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x	+	\$120	М			-							
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River	11	x	\$333	M						-				
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon	1-1	1;		М			_		1	1	-			
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye	-  -	X	\$500	93 - M			-	+-						
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 M			_	1	-					
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement	11	X	\$143	М	1	1		1	1					
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		->	x \$6	М						~				
258		Monitoring	Sockeye Salmon Overescapement		x x	× \$641	93 - M										
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	x		\$165	93 - M										
260		Option Not Identified	Red Lake Salmon Restoration		)	X \$72	М										
		MASSASSAMINI	Nanwallh Sockey Salmon Enhancement		X	\$250	М	√	✓	<i>y</i>							
261	Sport Fishing	Recovery Monitoring		-	-						-	<u> </u>					
262		Replace Harvest Opportunities	Fort Nichardson Hatchery Improvement		x	\$4,200	1						1				
263		Restoration Monitoring															
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	Subsistence	Access to Traditional Foods			+				_			$\perp$					
265		Bivalve Shellfish Hatchery			+						<u> </u>			.			
266			Chenega Bay Subsistence Restoration Project (Remove Oil)	X	-	\$200	M	$ \cdot $	1	<u> </u>	1/	14		4			
267	1	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	<u> </u>	( \$300	1	1									

Name: Chioseigh Regneral Resources Commission 1994 POTENTIAL PROJECT TITLES Phone: 5122-4155 of 6647

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	SERVICE 58 Subsistence	SUBOPTION		s	N N	D N	\$K	(YEARS)		<del> </del>		-			4	3
' I		Option Not Identified	Mariculture Technical Center		X		\$2,200		1	<b>,</b>		+				
	59	Option Not Identified	Seward Shellfish Hatchery		X		\$1,300	1	/	J:	-			·	j	
2	70	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	_  X	X	X	\$700	M	-			/	V	7	0	
, 2	71	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	_ X	ļ		\$50	M	V	<u>/</u> \			1		,	
_ 2	72	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M	V	/	1	/	1	<b>V</b>	1	
2	73	Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1	<b>√</b>	12.	-					_
2	74	Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1			_					
- 2	75	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	Х	\$55	M	<b>V</b>	1/	1		1			/
2	76	Restoration Monitoring								1			L _			/
_ 2	77	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	Х	\$589	M	V	1	1	1		/	1	ノ
2	78	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	Х	\$300	М	~	17	1	1	/		1	/
- 2	'9	Test Subsistence Foods	Subsistence Food Safety Testing	Х	Х	X	\$308	93 - M	1	1	V	L	1	V	1	
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20	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	_ X		\$110	M								
28	31	Intensify Management	PWS Spot Shrimp Recovery Management Plan	Х			\$715	M		1						/
2	12	Monitoring	PWS Spot Shrimp Survey	Х			\$90	М			1					
2	33	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	Х	X	X	\$275	М								
20	34	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M		T			Ţ			
28	35	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	Х	X	X	\$390	М								
28	36	Monitoring	Subtidal Recovery Monitoring	Х	Х	х	\$400	М								
2	37	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	Х	X	X	\$90	М	T							
28	8 Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	x	\$450	M		1	1	1	T-		1	
28	19	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X	+		\$75	М	1	1	1	1			_	

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	SERVICE	SUBOPTION		w s	E C	O D	\$K	(YEARS)	4	5 6	5 7	8	9 0	Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	Х	x x	x	\$105	93 - M						
291		Administration	Toxicological Profile of PWS	X			\$150	М					_	
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	<b>X</b> 2	X	\$8	М			1		<u>.</u>	
293		Public Information	Database Integration	X	X X	x	\$148	M						
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	<b>X</b> 2	X		М				LL		
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	x :	X	\$120	M				<u> </u>		
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X Z	X	\$100	. M						
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	<b>X</b> 2	X	\$72	М		$\perp$		$\bot \bot$		<u> </u>
		•						<u> </u>						

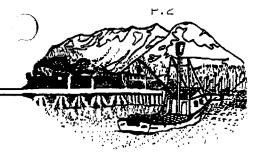
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# CITY\_OF\_CORDOVA



May 10, 1993

Charles E. Cole, Trustee EVOS Trustee Council P.O. Box 110300 Juneau, Alaska 99811-0300

Dear Mr. Cole:

Enclosed is a copy of Resolution 93-25 passed by the Cordova City Council requesting emergency funding for two coded wire tag projects and a herring population survey for Prince William Sound. There are two many unanswered questions regarding the health of our fisheries resources and we ask that you lend your support for funding these critical projects.

In addition, we also wish to extend an invitation to you and the other members of the EVOS Trustee Council to visit Cordova and meet the people of our community. We appreciated having the recent opportunity to meet with your representatives from the Restoration Team to discuss options of the Draft Restoration Plan. However, we feel that it would be even more beneficial for you to personally visit Cordova and meet with us to talk about our concerns regarding the Exxon Valdez oil spill and its effects on the Sound, our fish and wildlife resources, and our community.

We extend this invitation in hope of establishing an open working relationship with you and the other members of the Trustee Council. It is critical that we begin working more closely toward constructive solutions to address the needs of the resources and services damaged by the Exxon Valdez oil spill.

We look forward to meeting with you and encourage your support for funding the corded wire tag projects and the herring population survey.

Sincerely,

CORDOVA DISTRICT FISHERMEN UNITED

Mary L. McBurney,

Executive Director

Sincerely, CITY OF CORDOVA

Charles K. Weaverling, Mayor

602 Railroad Avenue P.O. Box 1210 Cordova, Alaska 99574 Telephone (907) 424-6200 Fax (907) 424-6000

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# RESOLUTION 93-25 City of Cordova

WHEREAS residents of the City of Cordova are very dependent, for both subsistence and economic reasons, on the natural resources of Prince William Sound, and

WHEREAS the 1989 Exxon Valdez oil spill polluted the waters and beaches of Prince William Sound with heavy crude oil, forced the closure of commercial herring and salmon fishing seasons and dramatically limited the subsistence harvest, and

WHEREAS management of natural resources requires a good understanding of the biological interactions occurring in the region, and

WHEREAS funding was cut in the fall/winter of 1992-93 for many research studies collecting data that could lead to that better understanding, and

WHEREAS local fisheries organizations have committed monies this spring from their own limited resources to assure that some data collection continues, and

WHEREAS the 1993 spawning biomass of herring in the Sound appears to have been less than one-fourth the magnitude of the expected return, and

WHEREAS prohibition of commercial herring fishing in 1989 due to the Exxon Valdez oil spill contributed to conditions of high abundance that may have resulted in the observed return failure in 1992, and

WHEREAS mortality rates observed among pink salmon embryos in oiled streams in western Prince William Sound have been approximately twice those observed in unoiled streams, and

WHEREAS elevated mortalities have persisted and may be attributable to chronic genetic effects which result in functional sterility among adults originating from oiled streams, and

WHEREAS this chronic genetic effect may result in significant lost production from wild pink salmon populations in western Prince William Sound alone, and

WHEREAS the 1991 returns of wild pink salmon to Prince William Sound were below average and the 1992 returns were the third lowest on record, and

WHEREAS more information is necessary to determine the cause of these extremely low returns of herring and pink salmon, and

WHEREAS opportunities have already been lost for collecting data critical for

damage assessment and restoration monitoring of Prince William Sound herring and salmon populations, and

WHEREAS further opportunities this summer and fall will be missed for important population monitoring and implementation of essential restoration measures unless some studies are funded on an emergency basis, and

WHEREAS the importance of not missing these opportunities is demonstrated by the commitment of Prince William Sound Aquaculture Corporation, Valdez Fisheries Development Association and the Alaska Department of Fish and Game to pledge more than half the funds necessary for the largest pink salmon restoration and monitoring project,

THEREFORE, BE IT RESOLVED that the Cordova City Council requests the Exxon Valdez Trustee Council to IMMEDIATELY provide emergency funds for the following studies, as the restoration of the marine environment should be the highest use of the fund:

1. Fall 1993 Hydroacoustic, Trawl and Histological Surveys of Prince William Sound Herring - In the absence of a precise spawning biomass estimate, harvest quotas for fall 1993 and spring 1994 fisheries will be set at conservatively low levels. Emergency funding is requested for quantitative hydroacoustic and trawl surveys in fall feeding areas to more accurately estimate the standing stock biomass and to collect herring tissue samples to evaluate fish health. Surveys and sample collection will occur from September 1 to October 30, 1993. The study will be administered by the Alaska Department of Fish and Game and subcontracted to appropriate entities.

It should be recognized that funding in 1994 and later years of additional tagging or stock identification studies to determine stock movements will significantly enhance the value of information gathered from this project. Additionally, funding for this project should NOT be considered as replacement of the preferred method of abundance estimation, namely spring spawn deposition SCUBA surveys (which were not funded this year). Amount requested: \$180,000 for Hydroacoustics and tissue sampling.

2. Coded wire tag recoveries from commercial catches, cost recovery catches and hatchery brood stocks in Prince William Sound pink salmon fisheries. This project makes in-season estimates of the contributions of wild and hatchery stocks of pink salmon to commercial and cost recovery harvests and documents their temporal and spatial distribution. Contribution, timing and distribution data are used in-season by fisheries managers to modify fishing patterns, reduce fishing effort on fish returning to oiled streams, and insured that desired levels of spawning escapement are achieved for these populations. The total cost for this project in FY93 was \$773,600.

Prince William Sound Aquaculture Corporation, Valdez Fisheries
Development Association, and the Alaska Department of Fish & Game have
pledged \$100,000, \$26,200 and \$81,600 for the FY94 (1993 fishery) program.
Approximately \$200,000 of matching funds are required to conduct a reduced
but effective tag recovery program in Prince William Sound in 1993.

Matching Amount requested: \$200,000

3. Coded wire tag recoveries from commercial catches, cost recovery catches and hatchery brood stocks in Prince William Sound chum, sockeye, coho and chinook salmon fisheries. The Trustee Council expended funds to tag wild sockeye salmon smolt in 1989, 1990, and 1991 and hatchery releases of chum, sockeye, chinook and coho salmon in 1989 and 1990. A large portion of the tagged returns of chum, sockeye and chinook salmon will be returning in 1993. Rehabilitation of the sockeye salmon run to Coghill Lake, and management of other wild sockeye and chum populations are dependent upon the catch contribution, timing and distribution data from this tag recovery project.

Amount requested: \$ 245,200.

BE IT FURTHER RESOLVED that the Cordova City Council extends an invitation to the Trustee Council to meet in Cordova either in May, prior to the gillnet season opening on the Western side of the Sound, or in September, when the fishing season is coming to a close.

PASSED AND APPROVED THIS \_\_5tb\_ DAY OF \_\_May \_\_ 1993

Charles K. Weaverling, Mayor

City of Cordova

P.O. Box 1210, Cordova, AK 99574

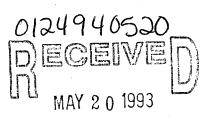
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EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

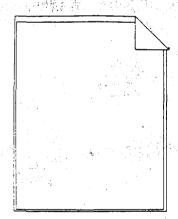


EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

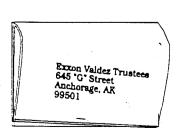


EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD

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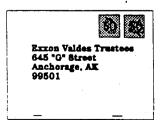
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# 1994 POTENTIAL PROJECT TITLES

Name: <u>CLEMENS</u> Phone: <u>zz4-357</u>

11	RESOURCE	RESTURATION OPTION	POTENTIAL PROJECTS	F F	EG	ION	ESTS.	EST	,		T	T,	T, F	, ,	γ
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T	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	7	( )	( X	\$41	М				T	T		7
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	)	<u>(</u>	1	\$300	1							
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	)	( )	( X	\$200	М							1
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	)	( x	( x	\$525	M							1
5		Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	)	( X	( X	\$400	М							1
6		Option Not Identified	Restoration of Chenega Village Site	)	(		\$75	1	/					1	
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	· · · · ·	( x	( X	\$300	93 - M							
8	. •	Public Information	Passports in Time-Cultural Resource Patterns in PWS	>	(		\$230	М						·   ·	امنا
9i		Public Information	Heritage Information Replacement	(	( )	( X	\$200	М						1	1
10		Public Information	PWS Landmarks-Evaluation and Interpretation	)	(		\$400	М	1					1	
1.1		Public Information	Public Education and Interpretation of Archaeological Resource		<b>(</b> )	( X	\$400	M-	1				.		11
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	)	( ×	X	\$225	М	1	-	Ī				
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	. )	( )	( X	\$150	М							
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	)	( )	( X	\$210	М	T						11
15		Site Stewardship Program	Archaeological Site Stewardship Program	)	( )	CX	\$1.14	. М.		-	.				1
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	)	(		\$1,200	1							11
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17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	>	( )	( x	\$262	М	1			Ī			11
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	)	( X	( X	\$10	М	1			1		1	1
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	)	( )	( x	\$200	М						1	
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20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	)	( )	ίx	\$108	93 - M	1			-   -			1
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	)	(	T	\$125	M				1			1

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22 Black Oystercatcher	Restoration Monitoring			1	JN.	=(1EA165)		╬			+	<u> </u>
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23 Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		x x		М					.	
24	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	x x	\$385	М	1	ما سمه		.].		l
25	Intensify Management	Fishery Industrial Technology Center	X	x x	\$3,500	1		. 1				
26	Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		x	\$150	M						1
27	Intensify Mariagement	Susitna River Sockeye Salmon Production Evaluation		x .	\$300	М			Ì			111
28	Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	ХX	\$200	М						1
29	Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X		\$5,000	.1						1
30	Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	x		\$868	M			i			
31	Recovery Monitoring	Wild Fish Stock Information Assessment	X	x x	\$50	М						
32	Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island		X	\$45	- M	-[ -,					
33	Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X		\$80	М						
34	Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X	\$50	M		. [				1
35	Replace Harvest Opportunities	Red Lake Mitigation		X	\$191	М						
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36 Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	x	хx	\$280	М		, 1				
37	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	x	хх	\$51	93 - M		.   -				
38	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	x	x x	\$73	М						
39	Recovery Monitoring	Common Murre Population Monitoring OUT	X	x x	\$191	М				- [		
40	Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	$\mathbf{x}   \mathbf{x}$	\$40	М		.				1
41	Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT		_ _	\$460	М	-				1	

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42	Common Murre	Restoration Monitoring					М	1	$\top$	1	Ī		Ī	
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43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X	.	\$200	M							
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X		\$285	M		J.	_	1		. l.	
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X		\$35	M	/						
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	x		\$950	M							
47		Restoration Monitoring					M							
											ľ			
	General	Administration								.				
			Oil Spill Restoration Support Service and Facilities	X	XX		1							
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X		\$200	M		.					
50		Option Not Identified	Hazardous Material Collection Facility	X			11			ļ			_	
51	•	Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	XX		M							
52		Public Information	Public Broadcasting System Program on Oil Spill	X	XX	\$70	M					.		
53		Public Information	Publish and Distribute Brochures on Injured Species	X	XX	\$90	M						.   .	
54		Public Information	PWS Brochures	X		\$65	M							
55		Public Information	PWS Implementation of Interpretive Plan	X		\$150	M			-				
56		Public Information	PWS Large Format Photographic Book	X		\$100	М							
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X		\$70	M		_	[:				
58		Public Information	PWS Video Programs	x		\$100	M				1			
59		Public Information	Science of the Sound- Education Program	x		\$53	М	1	1					
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i	RESOURCE TO OT SERVICE	RESTORATION OPTIONS  OF SUBORTION	POTENTIAL PROJECTS	RI P > s	K E N	ON K o D	EST. COST/YR SK	EST. (C) DURATION (YEARS)	1 9 9	1 9 9 5	1 9 9 6	1 1 9 9 9 9 7 8	1 9 9	2 2 0 0 0 0 0 1	Do Not Fund
60	Harbor Seal	Cooperative Program-Fishermen													
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	М							1
62		Option Not Identified	Subsistence Harvest Assistance	X	1		\$23	М		V		//	1 1		
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X	'		\$165	93 - M	1						
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	Х	x	\$230	М			-				
									-	_					
65	Harlequin Duck	Eliminate Oil from Mussel Beds								-					
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	x	x	\$700	93 - M							14
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	x	X	x	\$53	M				1		1	1
-															
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M			.				11
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M							
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	М							
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M	ļ :			.			-
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	М.							1
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	М		.					1
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	1	X	F - F		<b>M</b>					.  .		4
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	1						
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	М	1		ŀ	.			
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	<b>X</b>	\$500	М		1					
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M		/					1
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X		X	\$275	М	.				.   .	.	V
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams		X		\$50	M	//	/		.			X
81	<u> </u>	Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	М							

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82 Intertidal	Monitoring -	Monitoring Sites - Collector Beaches and Lagoons	X	X	x	\$500	M		Ī		$\prod$	1,	1
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	М	1	1/	1	1	1	
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	М						-
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M				] [	Ì	1/
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M						10
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	x	\$860	М		[				
88	Option Not Identified	Clam Enhancement	X	X	X	\$120	M						/ /
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	x	\$500	М						1
90	Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	М						-
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	x	\$237	М						
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92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M			Ì.,		.	-
93	Monitoring	Recovery Monitoring	X			\$125	M	,	.				-
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M						-
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M						1 1
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96 Marbled Murrel	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet		X	J-	\$240	93 - M						
97	Habitat Protection	Survey to Identify Upland Use by Murrelets		X	I	\$180	93 - M			1			0
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M						-
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M	.					0
100	Minimize Incidental Take				_ .		_					_ }	1 1
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M			1			_   _

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Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	x	x x	\$250	M				)		19
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103 Multiple Resource	S Habitat Protection	Habitat Modelling	- 1771	x x	\$150	М					1 1	1
104	Habitat Protection	Riparian Habitat Assessment	·	x x		M		1			1 1	. ] '
105	Habitat Protection	Stream Channel Capability Modeling	1 - 1	x x		M						
106	Habitat Protection	Stream Habitat Assessment	X	x x		93 - M		1	1 1		1 1	}
107	Habitat Protection	Valdez Hazardous Waste Collection	X		\$200	. 1			1 1			
108	Habitat Protection	Vegetation and Stream Classification and Mapping	X	X X		93 - M					1 1	.   '
09	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X X	\$100	M		1	.		1 1	
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	x x	\$750	. M						. 11
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x x	\$111	1					1 1	$\parallel \parallel$
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge		X		1	,				1 1	
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge		X		1						
114	Habitat Protection and Acquisition	Valdez Duck Flats	x			1						
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1				↓.		.
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		X		1					1	
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		X	\$250	_1					11	. 1
118	. Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	x		\$3,500	1						$\prod$
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		X	\$200	1			11			
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge		X	\$77,000	1		.   .			1	
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	\$90	1			.		1.1	
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	\$60	1						
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X	\$400	1						
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X	\$80	1						
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		x	\$740	1						}
126	Habitat Protection and Acquisition	Habitat Acquisition	x	хх	\$25,000	93 - 1						
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		X	\$112,500	1						

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128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		X	\$20,000	1		į					1
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		×	\$4,000	1							سه
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		X	\$1,000	1		i				1	1
131		Increase Natural Food Supply											i	1
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	хх	\$50	М		į				1	1
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	x	x x	\$408	М			]				V
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X	Ī	\$200	М		:				ĺ	1
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	x		\$40	М		:	1			1	1
136	•	Intensify Management	Seabird Colony Restoration	X	x x	\$250	М		:					
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	x		\$250	M		~					
138		Monitoring	Shoreline Worm Life Monitoring	x	x x	\$388	M		•	-	-	1		1
139	er en en en en en en en en en en en en en	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	x x	\$416	М							1
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	x	x x	one billion	M							Ш
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	x x	\$280	М		į,				-	-
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review		x x	\$7	М		1					
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	x	ХX	\$650	1		•	-	1	1 1		
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	x x	\$48	М				-			11
145		Option Not Identified	Shoreline Assessment	X	x x	\$250	93 - M					1. 1	ľ	
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		X	\$28	М		· :		1			
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	x x	\$500	93 - M		į			1	-	
148	·	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X	\$800	М		İ					ïy
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	ХX	\$2,300	1					1		1
150		Recovery Monitoring	Injured Resource Food Supply	X	X X	\$850	М							
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites		ХX	\$500	М				Ì			X
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X	\$600	М		-					$\Lambda$
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X		\$80	М							
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring		x x	\$150	М			İ				
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	хх	\$100	M		İ		ļ			
156	* * *	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids		x x	\$200	М						.	1
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X		\$35	М							_/

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## 1994 POTENTIAL PROJECT TITLES

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158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	x		\$91	M					17
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	x	x x	\$275	93 - M					
160	Reduce Disturbance by Field Presence				1						, [ ]
161	Reduce Disturbance Through Public Info	Public Information and Education	X	x x	\$316	M	1	<b>'</b>			,
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	x x	\$50	M					119
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	х	x x	\$500	М				. [	
164	Restoration Monitoring	Ecosystem Study	X	x x	\$6,000	M					
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165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X		\$205	М					
166	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	М					1
167	Intensify Management	PWS Herring Tagging Feasibility Study	X		\$112	M					14
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	Х		\$189	M					1
169	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	М					
170	Option Not Identified	Enhancement of Pacific Herring	x	хх	\$120	M					1
171	Restoration Monitoring										
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172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	x x	\$40	93 - M					
173	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	x x	\$180	М					1
174	Restoration Monitoring										
175	Temporary Predator Control							T			
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176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	$\mathbf{x}$	x	\$25	М			1					
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration		[:	x	\$28	1								\
178		Fish Passes and Access	Otter Creek Fish Pass	x	- [		\$130	1								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1				i				$\prod$
180		Fish Passes and Access	Sockeye Creek Fish Pass	x		-	\$60	1			İ					
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1					İ			
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	$\mathbf{x}$	x	\$727	м								\
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x	1		\$495	M								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x			\$855	М								
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	М	-	^   <u>/</u>	-	1				
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x			\$253	М		j						
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	$ \mathbf{x} $	X :	χ	\$152	М							'	1
188	·	Intensify Management	Pink Salmon Escapement Enumeration	x	x :	x	\$705	М								1 \
189		Intensify Management	PWS Salmon Stock Genetics	x			\$150	М			1					
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	$ \mathbf{x} $			\$66	М								
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X		\$686	М							1	
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	X		\$899	М	1	į	İ	İİ	Ì			
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	x			\$141	М							-	
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - 1	1							
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	x		ĺ	\$50	М		Ì						
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	x	X :	X	\$300	М	-		İ					
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197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X :	x s	1,250	М					1		1	$\Pi'$
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	X	x :	6,000	1								$H^{\prime}$
199		Establish Marine Environmental Institute	Seward Sea Life Center	x	X :	x \$	40,000	1		1				ļ		V '
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	x	X :	X	\$500	М		.					ĺ	
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	X	x	\$500	М			İ			1		1

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		REG	ION	EST.	EST.	,	1	, ,	1,		, ,	Ŋ
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202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1							
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			Х	\$70	1				ĺ			
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project		Χ		\$50	М						1	
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism		x[>	< x	\$100	М			Ī				17
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS		X	1	\$58	М							
207	Monitoring	Recreation Field Management and Monitoring		x >	(X	\$700	М		1.					1/
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails		X		\$150	1							1
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	1	<b>x</b>	1	\$20	1							16
210	New Backcountry Recreation Facilities	Improve Marine Parks	· .	x >	( x	\$100	М							X
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area		x		\$100	1	ĺį						
212	New Backcountry Recreation Facilities	Prince William Sound Campground		X		\$70	1							1/
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks		x >	( x	\$150	М	li						1/1
214	New Backcountry Recreation Facilities	PWS Kayak Trail		X		\$100	1	,						-1(-1)
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	[:	x [		\$250	1			Ï				
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		>	⟨ x	\$140	1	li					1	
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan		X	-	\$400	M	İ	•					
218	Option Not Identified	Sustainable Tourism in PWS		X		\$240	М			ĺ				](/
219	Option Not Identified	Watchable Wildlife		x >	<b>(</b> X	\$65	M							- 1
220	Option Not Identified	Increased Access PWS		X		\$100	М				Ī			11
221	Plan Commercial Recreation Facilities	Recreation Development		x >	<b>(</b> X	\$200	M	~						1
222	Restoration Monitoring													17
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum		x >	<b>(</b> X	\$77	М							
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education		x			1							
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum		x >	(X	\$310	М							
226	Visitor Center	Cordova Environmental Education Center		Χ	7	\$15	1							1
227	Visitor Center	Cordova Mini-Imaginarium	1.	x		\$63	1							
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts		x x	ďχ	\$155	М							/
229	Visitor Center	Environmental Education Center in PWS		X		\$90	1							$\parallel \parallel$
230	Visitor Center	Environmental Learning Resource Center		x x	( X	\$90	1		İ					
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova		X	1	\$450	1		Į.					7/ [

270.0	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EGI	ON	EST:	EST.	1	1	1 1	1	1 2	2	Ö
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232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1							
233		Visitor Center	Interpretation of PWS	X	:		\$10	M							
234	•	Visitor Center	Maritime Wing Valdez Museum	X	: ]		\$150	1							9
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	Х			\$150	1							¥
236		Visitor Center	Valdez Visitor Center	X			\$850	1	1	·					
				3											
								<b>1</b> 1							
237	River Otter	Monitoring	River Otter Recovery Monitoring	X	:[		\$180	М			İ	] [			′
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X	:		\$40	М							1
239	,	Restoration Monitoring													
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	x	\$99	1							1
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241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	×	X		\$175	 М				1 1		}····}	ノ
242		Monitoring	Monitoring Injury to Rockfish in PWS	X		1	\$117	M		.	.	1		1	X
243	•	Monitoring													
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244	Sea Otter	Cooporative Prgm-Subsistence Users										- -			
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	Х		X	\$83	М						[ ]	4
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	x	\$337	М							7
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	x	\$450	М					İ		1
248		Monitoring	Sea Otter Population Dynamics	X	X	x	\$291	93 - M			-	1			1
249		Restoration Monitoring									1	1 1		11	4

	RESOURCE or SERVICE	RESTORATION OPTION : OF SUBOPTION	POTENTIAL PROJECTS	Р	K E N	COSTAR	EST: DURATION (YEARS)	1 9 9	l 1 9 9 9 9	1 9 9 7	1 9 9	2 0 0	2 0 0 Not Fund
250	Sea Otter	Study: Eliminate Oil from Mussel Beds		-									
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	М					-  -	
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X	\$333	М						
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X \$275	М				]. ].		
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X	\$500	93 - M		1.				
255	<u>.</u> .	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M						
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	М						$ \cdot I $
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X \$6	М		.		L I.	1	
258		Monitoring	Sockeye Salmon Overescapement		X		93 - M						
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M					ĺ	
260	l	Option Not Identified	Red Lake Salmon Restoration			X \$72	М						
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261	Sport Fishing	Recovery Monitoring							.  -		<del> </del>		
262	•	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	İ	x	\$4,200	1				1 1	-	
263		Restoration Monitoring		1									
								-			-		
264	Subsistence	Access to Traditional Foods				.+						-	
265		Bivalve Shellfish Hatchery		1						İ			'
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X		\$200	М		-	ļ	1		
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X		1				1	-	

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RESOURCE	ICE SUBOPTION  Option Not Identified Option Not Identified Option Not Identified Recovery Monitoring Output Survey of Impacted Native Communities-Subsistence		RE	GIC	NC	EST.	EST.	T,	1	1		1 2	7	Ŕ
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SERVICE	SUBOPTION		s	N	D	\$K	(YEAR	9 4	5	6   7	8	9 0	1	Fund
268 Subsistence	Option Not Identified	Mariculture Technical Center	x	x	X	\$2,200	1		T			Ī	Ī	17
269	Option Not Identified	Seward Shellfish Hatchery	x	x	x	\$1,300	1							
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	x	х	X	\$700	М							
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	Ι×	l		\$50	М		1 1					1
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	x			\$55	М		1 1					0
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery		x		\$2,500	1		1 1				1	
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	x			\$1,000	1		1 1		İ			<b> </b>
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	x	x	\$55	М							
276	Restoration Monitoring			ĺ		·· · · · · · · · · · · · · · · · · · ·								11
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	х	x	\$589	М		1 1	1				1/
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	$ \mathbf{x} $	x	X	\$300	м							11
279	Test Subsistence Foods	Subsistence Food Safety Testing	x	x	X	\$308	93 - M		1/	1	1			
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280 Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	x	X		\$110	М				1			
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	x			\$715	М	V	-   -	1				
282	Monitoring	PWS Spot Shrimp Survey	x			\$90	M		1 1	1				1-1
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	х	х	X	\$275	М			1				
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	x			\$265	93 - M			1			ļ ···	1
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	х	X	X	\$390	М		11				1	11
286	Monitoring	Subtidal Recovery Monitoring	x	Х	x	\$400	М		1 1					1
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	М						-   -	
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288 Technical Service	s Administration	Electronic Archiving of Exxon Valdez Records	x	x	X	\$450	М.							
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	$ \mathbf{x} $			\$75	м			-				17

	1994	POTENTIAL	<b>PROJECT</b>	TITLES
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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	GI	200	EST.	EST.	1	1	1 1	1	1 2	2 8 2
	or SERVICE	OF SUBOPTION		P W S	ы Е К	к О D	78.34	DURATIÓN (YEARS)	9	9 5 i	9 9 7	9 8	9 0	ot Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M		Ī	Ī		Ī	
291		Administration	Toxicological Profile of PWS	Х			\$150	М	- 1				·	سنا ا
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	x	\$8	М	-					1 /
293		Public Information	Database Integration	x	X	x	\$148	М		<b>~</b> .	1			
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X		- '	М						
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	Х	\$120	М						
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	x	\$100	М				-1		1
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	М			Т.			1
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	or SERVICE	SUBOPTION						P W 5	K K E 0	COST/	PUD RY	ATION (ARS)	9 9 9	9	9 9 9 7 8	9 (	ot Fund
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268 Subsistence		Mariculture Technical Center	X	XX	\$2,200	1	17	<b> </b>	<b>,</b>	<u>-</u>	/ /	/ 4	-	
269	Option Not Identified	Seward Shellfish Hatchery		X		<u> </u>	-	<b>V</b>	<b>.</b>	<u> </u>	/ /	, ,	1	_
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	<del> </del>	M	V	<b>V</b>	1	<b>V</b>	<b>V</b> V		V	
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X		\$50	M	4	<b>V</b>	V	<u> </u>	<b>/</b> 1	1	V,	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	Х	_ _	\$55	M	✓	1	1	<b>V</b>	1 1	/ /	<b> √</b>	_
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery .		Х	\$2,500	1	1	1	<b>J</b>	ノ」、	11	_ \ <b>v</b>	<b>  /</b>	
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	X		\$1,000	1	V	✓	<b>√</b>	٧,	/ /	′ 🗸	11	
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	XX	\$55	М	✓	<b>V</b>	✓ .	1	VV	11	<b> </b>	
276	Restoration Monitoring .													
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	Х	X	\$589	М	<b>V</b>	1	1	1	11	V	v	
278	Test Subsistence Foods	Assessment and Quality. Assurance of Shellfish Resources	х	XX	\$300	М	1	V	1	1.	1 4	1	1	-
279	Test Subsistence Foods	Subsistence Food Safety Testing	Х	X >	\$308	93 - M	<b>✓</b>	~	✓.	1	11	1	1	
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280 Subtidal	Habitat Protection		X	-	\$110	N.	-			-		17	-	
		Juvenile Spot Shrimp Habitat Identification	X	<del>-</del>	\$715	M	Y	1	-	4	1 1		//	-
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	×	$\dashv$	\$90	<del> </del>	Y		✓	<b>-</b>			+-/-	-
282	Monitoring	PWS Spot Shrimp Survey		_		M	-		_	<u> </u>	VV	/ <	V	$\dashv$
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities		x >		M	V	<b>V</b>	<u> </u>	<b>Y</b>	Y '	-	V	-
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X	-	\$265	93 - M	-	V		<b>1</b>		1	-/-	
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources		X >	<del></del>	M	1	<b>V</b>		V	<del></del> _	1		-
286	Monitoring	Subtidal Recovery Monitoring		XX	<del></del>	M	1	✓	~	<b>/</b>	V V	<b>'</b>  ✓	-	-
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	<b>X</b> >	( \$90	M	-				-4-			4
				1										١
											+	-		
288 Technical S	Services Administration	Electronic Archiving of Exxon Valdez Records	x	x >	\$450	М	-		+	+	+		1-17	4
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	х		\$75	М						1		

1401 NEW YORK AVENUE, N.W.
SUITE 600
WASHINGTON, D. C. 20005



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



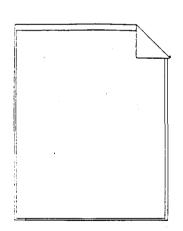
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EXXON VALUEZ OIL SPILL TRUSTEE GOUNCIL ADMINISTRATIVE RECORD

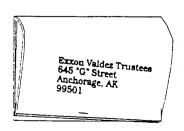


EXXON VALDEZ OIL SPILL TRUSTEE GOUNCIL





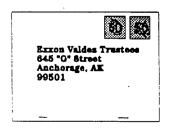
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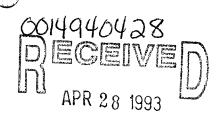
Name: Cohen Wilstein-Kathy Kelley Phone: 202 6283500

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		GION		EST.	1 1 9 9	1 9	1 9	1 2 9 0	2 0 00 00 00 00 00 00 00 00 00 00 00 00
	SERVICE	SUBOPTION		, ř	E O		(YEARS)	3	6	, , ,	9 0	1 Lg
250	Sea Otter	Study: Eliminate Oil from Mussel Beds			1					-	-	
1								ţ				1   1
				11								
		<u> </u>		-				1	1 1			
		1										
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	м					
252		Intensify Mar agement	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		x	\$333	м		1 1			
253		Intensify Mar.agement	Genetic Monitoring of Kodiak Island Sockeye Salmon		x	\$275	м		1			
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		x	\$500	93 - M					
255		Intensify Management	Kenai River Sockeye Salmon Restoration		x	\$1,000	93 - M	İ			- 1	
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		x	\$143	м					
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		X	\$6	M					
258		Monitoring	Sockeye Salmon Overescapement		$x \mid x$	\$641	93 - M					
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	x		\$165	93 - M					
260	e e e	Option Not Identified	Red Lake Salmon Restoration		X	\$72	М					
1		i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l										
1	Sport Fishing	Recovery Monitoring										
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	1 1	X	\$4,200	1					
263		Restoration Monitoring			ļ							
												[
				1. 1	1						1	
	Cubalatanaa				ļ							
i i	Subsistence	Access to Traditional Foods										
265		Bivalve Shellfish Hatchery			-						-	
266		1	Chenega Bay Subsistence Restoration Project (Remove Oil)	X		\$200	M	X				
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	$\mathbf{x} \mid \mathbf{x}$	\$300	1	$X_{\perp}$				1 1

Name: Cohen Milstein-Rathy Kelley Phone: 202 628-3500

	RESOURCE or SERVICE	RESTORATION OPTION  SUBOPTION	POTENTIAL PROJECTS	RE	GIOI K K E O	<b>−1</b> ***************	EST. DURATION (YEARS)	1 9 9	1 1 9 9 9 9	1 9 9	1 9 8	1 2 0	2 0 0	De Not Pund
268	Subsistence	Option Not Identified	Mariculture Technical Center	Х	x   x		1	X	1			1	1	
269		Option Not Iclentified	Seward Shellfish Hatchery	x	$\mathbf{x}$	\$1,300	1	$\times$	1					
270		Recovery Mcnitoring	Survey of Impacted Native Communities-Subsistence	$ \mathbf{x} $	x >	\$700	М	$\times$				İ		
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	x		\$50	М	X	1		li		Ì	
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	x		\$55	М							
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery .		x	\$2,500	1	X	Ì					
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	x	-	\$1,000	1			1			j	
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	$x \mid x$	\$55	М	$\times$					İ	
276		Restoration Monitoring				[						-		
277		  Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	x >	\$589	М	$\times$	l					
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	x	x >	\$300	М	X					İ	
279		Test Subsistence Foods	Subsistence Food Safety Testing	x	x >	\$308	93 - M	X			i		j	
:		! •												
280	Subtidal	; Habitat Protection	Juvenile Spot Shrimp Habitat Identification	x	x	\$110	м						-	
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	x		\$715	М							
282		Monitoring	PWS Spot Shrimp Survey	x		\$90	М		İ		1 1	1	1	
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	x	x >		М					Ì	İ	
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	x		\$265	93 - M						İ	
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	x	x >	\$390	М			1				
286		Monitoring	Subtidal Recovery Monitoring	$ \mathbf{x} $	x x	\$400	М		İ			1	İ	1 1
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	1 1	x >	1	М							
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	x >	<b>\$450</b>	М							
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X		\$75	М		1					

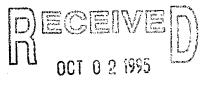




EXXON VALDEZ OIL SPILL TRUSTEE GOUNCIL

April 27, 1993

Exxon Valdez Trustee Council 1994 Work Plan Work Group 645 G Street Anchorage, Alaska 99501



EXXON VALUE OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD

Dear Sirs:

Thank you for your letter soliciting our input on projects proposed for funding by the Council utilizing restoration monies from the Exxon Valdez civil suit settlement.

The Board of Commonwealth North would like to go on record in strong support of one of the projects suggested for possible funding, the **Seward Sea Life Center.** We have reviewed this project and feel it fully meets the funding criteria and overall restoration goals. Although it is listed as a "Recreation" resource or service, the Center would provide significant educational, research and rehabilitation activities directly related to the resources and environment of the spill region.

Enclosed is a Board resolution, which was recently forwarded to the Governor and Legislature, in support of legislation utilizing Exxon oil spill settlement monies given to the State of Alaska. This legislation, if passed, would provide only partial funding for the Seward Sea Life Center.

We appreciate this opportunity to comment and hope that you will keep our organization informed of future Council activities and decisions.

Sincerely,

Dick Barnes President

Enclosure

Founding Co-Chairmen Governor Walter J. Hickel and the late Governor William A. Egan
Richard F. Barnes, President • Judith M. Brady, Vice President • Dr. Lee Gorsuch, Vice President
Perry Eaton, Vice President • Susan Ruddy, Secretary • Michael E. Stone, Treasurer • Bill Allen • Jane Angvik
Robert B. Atwood • Skip Bilhartz • William Bittner • Janna Brattain • Julian Darley • Robert Hatfield • Joe L. Hayes
James Hermiller • Archbishop Francis Hurley • Marc Langland • Loren H. Lounsbury • Stephen McAlpine
William McHugh • Governor William Sheffield • William J. Tobin • Dr. F. Thomas Trotter



## **CWN BOARD RESOLUTION ON SB 183/HB 269**

## FUNDING FOR PROJECTS RELATING TO THE EXXON VALDEZ OIL SPILL

WHEREAS, the State of Alaska received \$50 million in restitution in a settlement of a criminal case involving the Exxon Valdez oil spill for restoration projects; and

WHEREAS, the State of Alaska received additional monies in reimbursements for certain expenditures made by the state in responding to the oil spill; and

WHEREAS, these monies were to be used for projects restoring, replacing and enhancing affected resources; acquisition of equivalent resources and services; research for the prevention, cleanup and amelioration of oil spills and other similar purposes; and

WHEREAS, SB 183 and HB 269 introduced in the Eighteenth Legislature by Governor Hickel utilizes restitution and reimbursement monies to fund projects which appear to meet the intended purposes in an effective and balanced manner; and

WHEREAS, the Board of Commonwealth North has examined in detail the proposed Sea Life Center in Seward which is proposed for funding in the legislation; and

WHEREAS, the Sea Life Center would specifically meet research, rehabilitation and enhancement purposes of the criminal restitution monies in the spill areas; and

WHEREAS, the Sea Life Center would additionally result in a financially viable recreational and educational attraction which would contribute significantly to the long-term economic health of the entire region;

BE IT RESOLVED, that the Board of Commonwealth North supports the goals and expenditure of Exxon Valdez spill monies contained in SB 183 and HB 269.

BE IT FURTHER RESOLVED, that the Board of Commonwealth North strongly supports the expenditure of restitution monies from the Exxon Valdez Oil Spill Restoration Fund for the Sea Life Center proposed in Seward.

Founding Co-Chairmen Governor Walter J. Hickel and the late Governor William A. Egan
Richard F. Barnes, President • Judith M. Brady, Vice President • Dr. Læ Gorsuch, Vice President
Perry Eaton, Vice President • Susan Ruddy, Secretary • Michael E. Stone, Treasurer • Bill Allen • Jane Angvik
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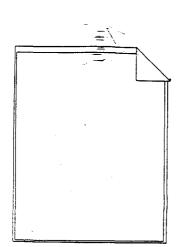
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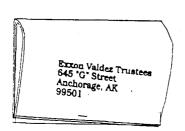
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EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL



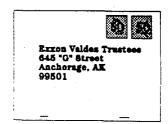
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## 1994 POTENTIAL PROJECT TITLES

Name: Rey & Leona Okakok Phone: 850-7650

RESOURCE or	RESTORATION OPTION	POTENTIAL PROJECTS	RE P.	G O	*	EST EUTATIO	1 9 9	1 9 9	1 9 9	1 9 9	1 9 9	1 2 9 0	2 2 0 0	Do: Not
SERVICE	SUBOPTION		S	N D		l WENG	4	5	6	7	8	9 0	) 1	Fund
1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	x	хх	\$41	М	V	~		1	1		T	
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X		\$300	1				1	V	/ /		,
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	X	хх	\$200	М								1
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	Х	ХХ	\$525	М				1	/	V	11	Γ.
5 .	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	х	ХХ	\$400	М	~	1	~	~	/	1	1	[
6	Option Not Identified	Restoration of Chenega Village Site	х		\$75	1	V	1	~	v	~	· .	11	-
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	х	χХ	\$300	93 - M				$\Box$		_	1	-
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS *	x	$\top$	\$230	М	~	/	/	_		<b>7 1</b>	//	-
9	Public Information	Heritage Information Replacement	~ X	ΧХ	\$200	М				$\bigcap$				-
10	Public Information	PWS Landmarks-Evaluation and Interpretation	х	$\top$	\$400	M	1						-	-
11	Public Information	Public Education and Interpretation of Archaeological Resource	х	x x	\$400	М	T							
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	х	X. X	\$225	М	~	اسوا	,	~	1	- 1	//	
13	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	χХ	\$150	М	,						-	-
14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	Х	хх	\$210	М				-			1 -	سو
15	Site Stewardship Program	Archaeological Site Stewardship Program	x	хх	\$114	М						-		V
16	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	х		\$1,200	1						-	1	~
														·
				1	-		L			+	-		-	- <u></u> -i
17 Bald Eagle				-	4000	ļ	-		-		_			
. <del></del>	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats		XX		M	\ \rac{1}{2}		~	<b>'</b>	//			, <u> </u>
18	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog		X X	+	M:	/	-			2 2	1	1	
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	x x	\$200	M	<u> </u>		_	_	_	_	<u> </u>	
												+		
20 Black Oystercatche	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	x	хх	\$108	93 - M	~	~	1	<b>,</b>	,	/ /	1	
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	x		\$125	М	~	~	~	1	//	1	1	-1

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	PESOLIDOE		POTENTIAL PROJECTO		737			75.00					_		
	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	anan	GI K	anna i	EST. COSTAYR	EN EATIN	1 9 9	1 9	1 1 9 !	9	1 9	2 0	2 0 No.
	SERVICE	SUBOPTION		W S	E N	O D	sk	IYEARS	4	5	9 9	, 9 , 8	9	0	1
22		Restoration Monitoring						***********	28			1	1		1
.==-		Ticoloration Monitoring		╁					+			-	+	<del> </del>  -	-
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				$\vdash$	H					1	;		1		
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23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	x	Х	X	\$1,100	М				+-	+		1
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	Х	Х	\$385	М	~	V	VV	1 1	· V	VV	/
25		Intensify Management	Fishery Industrial Technology Center	x	Х	Х	\$3,500	1			, — <del> </del> —		1		-
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		Х		\$150	М			<u>.                                      </u>		† · · · · ·		V
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation	-	Х		\$300	М					1		/
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	x	х	Х	\$200	М					1		~
29		Option Not Identified	Payoff Debt of Vaidez Fisheries Development Association	Х	-		\$5,000	1							~
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X	_		\$868	М	-	V	VV		V	VV	_
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	Х	Х	\$50	М							-
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			Х	\$45	М	r	レ	VV	- V	1	VV	
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	М							1
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		Х		\$50	М			1		T-1		~
35		Replace Harvest Opportunities	Red Lake Mitigation			Х	\$191	М			ı T				-
				L				1	Ţ.						
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	Х	Х	\$280	М					'		_ v
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	_	Х	\$51	93 - M					1.		
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	М					<u> </u>		-
39		Recovery Monitoring	Common Murre Population Monitoring OUT		Х		\$191	М	~	~	1	1/	~	1	1
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	Х	\$40	М			L				~
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				\$460	M							1

Name:	 	 
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POTENTIAL PROJECTS RESOURCE RESTORATION OPTION REGION COSTAY: DURAL SERVICE SUBOPTION 42 Common Murre Restoration Monitoring М 43 Cutthroat/Dolly Х Intensify Management Cutthroat Trout and Dolly Varden Habitat Restoration \$200 М 44 \$285 М Intensify Management Enhanced Management of Cutthroat Trout and Dolly Varden Option Not Identified Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration М 45 \$35 レレンレレレレン Option Not Identified 46 Cutthroat Trout and Dolly Varden Hatchery \$950 . M 47 М Restoration Monitoring General Administration  $|\mathbf{x}|\mathbf{x}|\mathbf{x}$ 48 Oil Spill Restoration Support Service and Facilities \$600 -49 Monitoring -Monitoring of Small-Cetaceans (Dall Porpoises) in PWS \$200 M Option Not Identified 50 Hazardous Material Collection Facility \$100 Option Not Identified Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model \$488 М 51 Public Information 52 Public Broadcasting System Program on Oil Spill \$70 М xxx 53 Public Information Publish and Distribute Brochures on Injured Species \$90 М Public Information 54 \$65 М PWS Brochures 55 Public Information PWS Implementation of Interpretive Plan \$150 М Public Information 56 PWS Large Format Photographic Book \$100 М 57 Public Information PWS Scenic Byway-- Nomination and Interpretive Plan \$70 М Public Information 58 \$100 М PWS Video Programs 59 Public Information Science of the Sound- Education Program \$53 М

1004		TITLE?
1774	POTENTIAL	11111

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Phone:	

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	RESQUACE	RESTORATION ORTION	POTENTIAL PROJECTS	RE	G (0)	EST.	EST	1	1	1	1 1	1	2	2 8
	SERVICE	SUBORTION		P W S	K K E O N D	COST/YA SK	DURATION (YEARS)	9 9 4	9 9 5	9 9 6	9 9 9 9 7 8	9 9 9	0 0	Not Fund
60	Harbor Seal	Cooperative Program-Fishermen												
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	Х		\$39	М	~			11			1
62		Option Not Identified	Subsistence Harvest Assistance	X		\$23	М	<b>/</b>	✓	1	VV	1	VV	
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	Х		\$165	93 - M					T 7		1
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X X	\$230	М							~
		·									-			
				:										
65	Harlequin Duck	Eliminate Oil from Mussel Beds						Ţ.,						
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	ХX	\$700	93 - M	/	~	V	1	/	0	
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	x x	\$53	М							r
										·				
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	Х	хх	\$20	М							1
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	хх	\$70	М							~
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	x x	\$300	М	~	~	~	<b>V</b>			
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	x x	\$50	М							•
72	· ·	Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	Х		\$500	М	,						1
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	x x	\$800	М						L	
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	x x		М							/
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	x x	\$620	М	1						<u>'</u>
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X		\$600	М	<b>/</b>		<b>v</b>		' V	V	_
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	ΙX	$\mathbf{x} \mid \mathbf{x}$	\$500	М	/	1	V	<b>V V</b>	<b>V</b>	VV	<u>'</u> ]
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		x x	\$200	M			<b> </b>		1.		~
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	$\rightarrow$	X X		M	1				_		
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X X	+	М	1	<b>/</b>	1	VV	///	/ v	<u>_</u>
81	<u> </u>	Monitoring	Monitoring for Recruitment of Littleneck Clams	X	$\mathbf{x} \mid \mathbf{x}$	\$186	M					$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}}}}}$		1

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	c(o	M	Est	EST.	1	1	1	1	1 1	2	2 8
or SERVICE	or SUBOPTION		P ₩ S	K E N	K O D	COSTAVA CV	DURATH (YEARS		9 9 5	9 9 6	9 9 7	9 9 9 9 8 9	0 0	Not Fun
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	x I	\$500	М					-		^A
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	x	\$600	м	-	- 1	~	/	V V		<b>/</b>
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing		Х		\$195	М	+	1-1			*+	-	-
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds		X		\$500	93 - M	+	1			_	-	~
86	Monitoring	Herring Bay Experimental and Monitoring Studies	x	$\Box$	+	\$495	93 - M	-	1	-			1 - 1	~
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	x	\$860	М	1					-	/
88	Option Not Identified	Clam Enhancement	X	X.	x	\$120	М		1	1				~
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X.	x	\$500	М	- -		1			1	9-
90	Option Not Identified	Restoration of Mussel Beds	X	X	x	\$500	М	T	1			7-		•
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	x	\$237	М						1	
								1	-				1	
	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s									-				-
92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	Х			\$120	93 - M							
93	Monitoring	Recovery Monitoring	X			\$125	М	1	·v		•	/	1	
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	Х			\$180	М							-
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	Х				M							
	and the second second		1											
								1		] ]				
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96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet		X		\$240	93 - M		'					_
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X.	X	\$180	93 - M	1	~	1			11	
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season		X	-	\$250	М	1	1	1			11	
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X :	X	\$509	М		_	1	1	11	<b>V</b>	<b>V</b>
100	Minimize Incidental Take											_		
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X :	X	\$200	М			ot				

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RESOURCE or SERVICE	RESTORATION OPTION	POTENTIAL PROJECTS	HE a	G OA	COSTAR		1 9 9	1 9 9 5	1 9 9 6	1 1 9 9 9 9	1 9 9	2 0 0	Do Not Fur
	SUBORTION		3	N	SK	(YEATS)		<b></b>	_	#			Ĭ,
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X X	\$250	М						<b> </b>  -	
103 Multiple Resources	Habitat Protection	Habitat Modelling	X	ХX	\$150	М					- T		~
104	Habitat Protection	Riparian Habitat Assessment	X	хх	\$110	М							V
105	Habitat Protection	Stream Channel Capability Modeling	х	хх	\$110	М							1
106	Habitat Protection	Stream Habitat Assessment	х	хх	\$361	93 - M	~	,		موا بر	V	V.	7
107	Habitat Protection	Valdez Hazardous Waste Collection	x		\$200	1							~
108	Habitat Protection	Vegetation and Stream Classification and Mapping	Х	хх	\$276	93 - M							-
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	х	ХX	\$100	М	~	V 1	1				
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	х	ХX	\$750	М			1	/ /	1	1	/
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		хх	\$111	1							V
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge		Х		1					7. –		1
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge		X		1							1
114	Habitat Protection and Acquisition	Valdez Duck Flats	Х			1							V
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1							1
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		Х		1	1	1	<b>V</b>	VV	1	1	/
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		X	\$250	1							1
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	х		\$3,500	1							/
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		X	\$200	1							~
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge		Х	\$77,000	1							
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	\$90	1							V
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	\$60	1							V
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X	\$400	1	-						V
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		Х	\$80	1							<b>V</b> ,
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		Х	\$740	1	7						1
126	Habitat Protection and Acquisition	Habitat Acquisition	х	хх	\$25,000	93 - 1							J
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		X	\$112,500	1				- [			フレ

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	FE	EGIC	N	EST.	EST	1		1	1	,	,	2	2 B.
	or SERVICE	or SUBOPTION		P W S	K E N	K O D	COST/YR 2K	DURATIO (YEARS		9 9 5	9 9	9 9 7	9 9 8	9 9	0 0	Not Fund
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			x	\$20,000	1	1					Ī	Ī	1
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island	T		X	\$4,000	1	T							~
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition	$\top$		X	\$1,000	1				T				1
131		Increase Natural Food Supply						,			i					
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	х	X	\$50	М	V	V	V	V	1	1	1	
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	х	X	\$408	М	1		1		1	1	VV	•
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	M	1	1	V	1	V	1.	10	.
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	Х			\$40	М				1				V
136		Intensify Management	Seabird Colony Restoration	X	х	X	\$250	М			Ī					~
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	М	~	V	1	1	1	~	10	
138		Monitoring	Shoreline Worm Life Monitoring	Х	Х	X	\$388	M					V		VV	/
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	х	X	\$416	. М			-					1
140	j	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	х	X	one billion	М	T							V
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	х	X	\$280	М			i				7	~
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	Х	X	\$7	М			-					~
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	Х	Х	X	\$650	1	~	~	~	1	1	1.	/ .	1
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	Х	X	\$48	М								V
145		Option Not Identified	Shoreline Assessment	X	X	X	\$250	93 - M	V	~	~	~	1	~	11	
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	\$28	М	10	~	r	8	1			
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	\$500	93 - M	1	~	~	V	~	1	v /	
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	М								1
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	\$2,300	1`	T							4
150		Recovery Monitoring	Injured Resource Food Supply	X	Х	X	\$850	М	~	V	~	V	1	~	1	-
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	Х	Х	X	\$500	М								4
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		Х		\$600	M	~	. 1	ł . I	سا	1 1	"	/ 4	7
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			\$80	M	1	~	V	~	~	v	VV	1
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	\$150	М	~	1	÷	· · · · · · · · · · · · · · · · · · ·	~	r	1	7
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	х	Х	\$100	М						-		V
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	Х	X	\$200	М								V
157	,	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			\$35	М	~	~	1	V	1	1	1.	1

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE(	ROIE	EST.	EST.	1	,	1	Ţ,	1	2 2 B
Of selection	or assessment	the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	P	ĸ	COSTAR	DURATIO	9	9	9	9	9	0 0 Not
SERVICE	SUBORTION		5 1	D	* SK	(YEARS)	4	5	6	8	9	0 1 g
158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	x		\$91	М	1	1	1	11	/	V V
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X :	x x	\$275	93 - M	′	1	1	//	V	11
160	Reduce Disturbance by Field Presence											_   _
161	Reduce Disturbance Through Public Info	Public Information and Education		x x	\$316	M	1	1	V .	/ /	1	11
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X   :	x x	\$50	M						
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X   2	x x	\$500	M						_   •
164	Restoration Monitoring	Ecosystem Study	$ \mathbf{x} $	$\mathbf{x} \mid \mathbf{x}$	\$6,000	М	~	~	V	1	V	1
									l			
165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X		\$205	M	1	1	V 1	11	1	///
166	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	М	1	✓	<b>√</b> ],	' Y	1	( V
167	Intensify Management	PWS Herring Tagging Feasibility Study	X		\$112	М						· ·
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	M	<b>✓</b>	1	1			
169	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	M				V	V	11
170	Option Not Identified	Enhancement of Pacific Herring	X   :	x x	\$120	M						.   iv
171	Restoration Monitoring											
			1	-	i							
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			1-1-									
172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey		x x		93 - M	V	V	V	1	8	11
173	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X   :	x x	\$180	М						
174	Restoration Monitoring		$\perp \perp$									
175	Temporary Predator Control		1				ļ		_			4
			11	_		·			_	1_		
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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	BE	GIOI	V	EST.	EST.	1	1 1	1,	, 1	1 2	,	b
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SERVICE	SUBOPTION		s	N E		SK	(YEARS)	4	5 6	7	8	9 0	1	E d
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	X >	(	\$25	М	$\perp$	,					1
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration		>	<u> </u>	\$28	1							V
178	Fish Passes and Access	Otter Creek Fish Pass	x	L	:	130	1							~
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration		_ >	(	\$11	1							r
180	Fish Passes and Access	Sockeye Creek Fish Pass	x			\$60	1							~
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement		>	(	\$55	1							~
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	XX	( !	727	М							-
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			495	М							
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X		) ;	855	М							-
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X		,	500	М							1
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			253	М					1		V
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	XX	( !	152	M							-
188	Intensify Management	Pink Salmon Escapement Enumeration	X	X	( !	705	М							r
189	Intensify Management	PWS Salmon Stock Genetics	x			150	М	V	V 0	/ /	1	V .	11	
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x			\$66	М						17	~
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	Х	Х		686	М							1
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	Х		899	M							
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X		1	\$141	М	V	11	1	1	V V		
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	x		-   5	385	93 - M							4
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М							~
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	x	XX	( !	300	М							V
			$\sqcup$	_						<u> </u>				
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		XX	( \$	1,250	M			-			1-1	7
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	XX	<b>(</b> \$	6,000	1	$\Box$						1
199	Establish Marine Environmental Institute	Seward Sea Life Center	x	X X	( \$4	0,000	1		_ _					1
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	x	ХX	( 5	500	М	$\Box$		7		-  -	17	V
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	ХX	( ;	500	М			†	$\Box$		++	7

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	H <sub>P</sub>	EGI ĸ	ON K	200 Billion 1	EST. DURATION		1 1 9	1 9	1 9	1 9	2 2 0 0	Do Not
SERVICE	SUBOPTION	the continued on the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue	S	E. N	O. D		(YEARS)		5 6	7	8	9	0 1	Pund
202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			x	\$500	1		Ī					~
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System		Ţ_`	Х	\$70	1							1
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	x		П	\$50	М							<b>V</b>
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	Х	X	X	\$100	М							1
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	М			7				1
207	Monitoring .	Recreation Field Management and Monitoring	X	X	Х	\$700	М							1
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	Х			\$150	1							7
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1		$\Box$					1
210	New Backcountry Recreation Facilities	Improve Marine Parks	×	X	х	\$100	М							1
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	×			\$100	1	T						V
212	New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1							V
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	×	X	X	\$150	М -							V
214	New Backcountry Recreation Facilities	PWS Kayak Trail	×			\$100	1							~
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	×			\$250	1							1
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		Х	X	\$140	1	1						V
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	X		П	\$400	М							~
218	Option Not Identified	Sustainable Tourism in PWS	X			\$240	М							1
219	Option Not Identified	Watchable Wildlife	Х	X	X	\$65	М							r
220	Option Not Identified	Increased Access PWS	×			\$100	М				1			8
221	Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	М							V
222	Restoration Monitoring													
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	М							~
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	×	T			1							~
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	×	X	X	\$310	M		T					V
226	Visitor Center	Cordova Environmental Education Center	X			\$15	1	$\top$						V
227	Visitor Center	Cordova Mini-Imaginarium	X			\$63	1							V
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	Х	X	X	\$155	M							1
229	Visitor Center	Environmental Education Center in PWS	Х			\$90	1							V
230	Visitor Center	Environmental Learning Resource Center	Х	X	X	\$90	1	T						V
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	х			\$450	1							V

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**POTENTIAL PROJECTS** RESOURCE **RESTORATION OPTION** REGION EST. EST. COST/YR DURATIO SUBOPTION SERVICE **YEARS** 232 Recreation Visitor Center Information Center \$600 Visitor Center Interpretation of PWS \$10 М 234 Visitor Center Maritime Wing Valdez Museum \$150 235 Visitor Center Multi-agency Library on PWS and Copper River Delta \$150 1 236 Visitor Center Valdez Visitor Center \$850 1 237 River Otter Monitoring River Otter Recovery Monitoring \$180 M 238 Monitoring Synthesis of Information on Ecology and Injury to River Otters in PWS \$40 М VVVV 239 Restoration Monitoring  $\mathbf{x} | \mathbf{x} | \mathbf{x}$ 240 Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks \$99 Sport/trap Harvest Guidelines ..1 Rockfish Intensify Management Develop a Rockfish Management Plan 241 \$175 М VVVVVV Monitoring Injury to Rockfish in PWS 242 Monitoring \$117 M 243 Monitoring 244 Sea Otter Cooporative Prgm-Subsistence Users 245 Habitat Protection (Public Land) Habitat Utilization by Sea Otters and Designation of Protected Areas  $\mathbf{x} | \mathbf{x} | \mathbf{x}$ \$83 М XXX Monitoring 246 Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality \$337 М 100 VVVVV  $\mathbf{x} \mathbf{x} \mathbf{x}$ 247 Monitoring Radio-Telemetry Project to Monitor Recovery of Sea Otters \$450 М x x x 248 \$291 93 - M Monitoring Sea Otter Population Dynamics 249 Restoration Monitoring

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	RESOURCE or SERVICE	RESTORATION OPTION  or  SUBOPTION	POTENTIAL PROJECTS	<u></u>	E	EST.  COST/YF	EST. DURATION (YEARS)	1 9 9	1 9 9 5	1 1 9 9 9 9 6 7	1 9 9 8	1 9 9 9	2 2 0 0 0 0 0 1	Do Not Fund
250	Sea Otter	Study: Eliminate Oil from Mussel Beds									_		_	1
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	Х		\$120	М							-
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X	\$333	М							1
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon	- T		X \$275	М	-	V 1	r /				
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		Х	\$500	93 - M	~	V (	v v				
255		Intensify Management	Kenai River Sockeye Salmon Restoration		Х	\$1,000	93 - M							~
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	М							<b> </b>
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X \$6	М	1	r	V	V	1	11	Lŀ
258		Monitoring	Sockeye Salmon Overescapement		X	X \$641	93 - M							1
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M							V
260		Option Not Identified	Red Lake Salmon Restoration			X \$72	M							1
		4												
261	Sport Fishing	Recovery Monitoring		-			1	1						
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		х	\$4,200	1							~
263		Restoration Monitoring		1-										
		,												
264	Subsistence	Access to Traditional Foods		X	X	000,1 X		~	V	/ (	/ /	1.	11	1
265		Bivalve Shellfish Hatchery		V	X.	7 200		<b>V</b>	v	V V	1	V V	10	
266	· · · · · · · · · · · · · · · · · · ·	Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X		\$200	M	1	1	<del></del> -	1		VV	
267	L.,	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	x		1 .	1	1	1	17	1	11	†

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268 Subsistence		Mariculture Technical Center	X	XX	\$2,200	1	17	<b> </b>	<b>,</b>	<u>-</u>	/ /	/ 4	-	
269	Option Not Identified	Seward Shellfish Hatchery		X		<u> </u>	-	<b>V</b>	<b>.</b>	<u> </u>	/ /	, ,	1	_
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	<del> </del>	M	V	<b>V</b>	1	<b>V</b>	<b>V</b> V		V	
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X		\$50	M	4	<b>V</b>	V	<u> </u>	<b>/</b> 1	1	V,	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	Х	_ _	\$55	M	✓	1	1	<b>V</b>	1 1	/ /	<b> √</b>	_
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery .		Х	\$2,500	1	1	1	<b>√</b> .	ノ」、	11	_ \ <b>v</b>	<b>  /</b>	
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	X		\$1,000	1	V	✓	<b>√</b>	٧,	/ /	′ 🗸	11	
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	XX	\$55	М	✓	<b>V</b>	✓ .	1	VV	11	<b> </b>	
276	Restoration Monitoring .													
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	Х	X	\$589	М	<b>V</b>	1	1	1	11	V	v	
278	Test Subsistence Foods	Assessment and Quality. Assurance of Shellfish Resources	х	XX	\$300	М	1	V	1	1.	1 1	1	1	-
279	Test Subsistence Foods	Subsistence Food Safety Testing	Х	X >	\$308	93 - M	<b>✓</b>	~	✓.	1	11	1	1	
										+				
280 Subtidal	Habitat Protection		Х	-	\$110	N.	-			-		17	-	
		Juvenile Spot Shrimp Habitat Identification	X	<del>-</del> -	\$715	M	Y	1	-	4	1 1		//	-
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	×	$\dashv$	\$90	<del> </del>	Y		✓	<b>-</b>			+-/-	-
282	Monitoring	PWS Spot Shrimp Survey		_		M	-		_	<u> </u>	VV	/ <	V	$\dashv$
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities		x >		M	V	~	<u> </u>	<b>Y</b>	Y '	-	V	-
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X	-	\$265	93 - M	-	V		<b>1</b>		1	-	
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources		X >	<del></del>	M	1	<b>V</b>		V	<del></del>	1		-
286	Monitoring	Subtidal Recovery Monitoring		XX	<del></del>	M	1	✓	~	<b>/</b>	V V	<b>'</b>  ✓	-	-
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	<b>X</b> >	( \$90	M	-				-4-			4
				1										١
											+	-		
288 Technical S	Services Administration	Electronic Archiving of Exxon Valdez Records	x	x >	\$450	М	-		+	+	+		1-17	4
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	х		\$75	М						1		

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	х	x	\$105	93 - M	1	1	1	V .	11	VV	
291		Administration	Toxicological Profile of PWS	X			\$150	М	1	1	1.	√ v	10	V	/
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	Х	Х	Х	\$8	M		- 4					V
293		Public Information	Database Integration	X	Х	X	\$148	М	1	V	VV	/ 1	1	U 1	/
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	Х	X		М							~
295	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	Х	X	\$120	M							~
296	·	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	Х	X	\$100	М.		٠		T			~
297	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	Х	Χ	X	\$72	М	<b>V</b>	٣.	V V	, ,	1/	11	

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1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	,	X	X	\$41	М							
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	2	(		\$300	1							
3		Habitat Protection and Acquisition	Archaeological Site Acquisition		( X	X	\$200	M	Į						
ı		Intensitied Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	;	( x	[X	\$525	M						ļ	
ō		Intensified Management	Vandalized Cultural Resources-Inventory, Evaluation, Interpretation	)	ďχ	X	\$400	M							
5		Option Not Identified	Restoration of Chenega Village Site		╡.		\$75	1 .							
7	·	Option Not Identified	Site-specific Archaeological Restoration - Interagency	(	X	X	\$300	93 - M						.	
;		Public Information	Passports in Time-Cultural Resource Patterns in PWS				\$230	M							
9		Public Information	Heritage Information Replacement		( X	X	\$200	Μ.							
0		Public Information	PWS Landmarks-Evaluation and Interpretation				\$400	М							
1		Public Information	Public Education and Interpretation of Archaeological Resource		( X	X	\$400	M				.			
2	•	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites		( x	$ \mathbf{x} $	\$225	M						İ	
3	-	Site Patrovand Monitoring	Archaeological Site Protection-Public Education-Interagency		⊈x	X	\$150	M							
4		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency		( x	X	\$210	M	.						
5		Site Stewardship Program	Archaeological Site Stewardship Program		( X	X	\$114	М				1.			
6		Visito Center	Chugach National Forest Heritage Interpretive Center, Design		( )	-	\$1,200	1							
7	Baid Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats		( x	x	\$262	М			-				
18	\$ (	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	()	( x	$ \mathbf{x} $	\$10	М							ĺ
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles		( X	X	\$200	М							
											-   .				
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	,	ďχ	X	\$108	93 - M							
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	3	( T		\$125	M							

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

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42	Common Murre	Restoration Monitoring					M					
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3	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	x		\$20	ОМ			-		
4		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	х		\$28	5 M					
5		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x		\$35	м					
6	•	Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$95	M C					
7		Restoration Monitoring					M					
				ľ		.	İ					
В	General	Administration	Oil Spill Restoration Support Service and Facilities	-	X	1 ) .	- 1					
9	)	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X	1	\$20	, , , , , , , , , , , , , , , , , , ,					
0		Option Not Identified	Hazardous Material Collection Facility	X	X	X \$10					1	-
1		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model		+							-
2		Public Information	Public Broadcasting System Program on Oil Spill		X	- A	1 1				1 1	
3		Public Information	Publish and Distribute Brochures on Injured Species	.^ x	1 - 3	\$65						
4		Public Information Public Information	PWS Brochures	.   ^	-	\$15		-				
55		Public Information	PWS Implementation of Interpretive Plan PWS Large Format Photographic Book		-	\$10						
6	ļ	Public Information	PWS Scenic Byway Nomination and Interpretive Plan	-   ^		\$70						
57		Public Information	PWS Video Programs	X		\$10	- 1					
58		Public Information	Science of the Sound- Education Program	-   <del>2</del>	1.	\$53						
59		- Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Additional - Add	Ocidice of the County Education (1994)	1::		=						
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7	RESOURCE Lor SERVICE	RESTORATION (SERION)	POTENTIAL PROJECTS  POTENTIAL PROJECTS  POTENTIAL PROJECTS  POTENTIAL PROJECTS  POTENTIAL PROJECTS  POTENTIAL PROJECTS	P w s	GIO K F E C	N EST COSTAN	EST (1 SURV. T(0) (VEARS)	1 9 9	1 9 9 5	1 1 9 9 9 9 6 7	1 9 9	1 2 9 6 9 6	2 0 Noc Fund
60	Harbor Seal	Cooperative Program-Fishermen											
61	$\triangleright$	Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X		\$39	M				1 1		
62	1	Option Not Identified	Subsistence Harvest Assistance	X		\$23	M						
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X	Ì	\$165	93 - M						
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X >	X \$230	М						
65	Harlequin Duck	Eliminate Oil from Mussel Beds	the production of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the		}							. 1	
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	x >	x \$700	93 - M	li	. [				
67	<b>P</b>	Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	1 1	X )		М		:				
										-			
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	. 4	X \$20	M					<sub></sub>	
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X X		М		(				
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X X	X \$300	M						
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X X	X \$50	M		,				.   .
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X		\$500	M		.				
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X X		M				1 1		1.
74	<u></u>	Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X X	or # a see that the see	M		,				
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X X		M		,				
76	<b>P</b>	Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X	_	\$600	.   M						
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X \$500	. M		-			: ;	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait	.	X	X \$200	M		, .	-		į	
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	<b>X</b>   <b>X</b>		M		1				
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X   X		M		j		-{		
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	$\mathbf{x} \mid \mathbf{x}$	X \$186	<u> </u>				$oldsymbol{\perp}$		

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42	SERVICE	SUBOPTION		S	N	<u> </u>	\$K	(YEARS)	1	Ĺ	Ļ	Ľ	Ĺ	1	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons		x x		\$500	M	ļ		1			İ	1 1
83	<b>)</b>	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	(	j	(X	\$600	M							1 1
84	1 -	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing		X X	X	\$195	M						1	1 1
85	$\triangleright$	Monitoring	Recovery Monitoring of Intertidal Ciled Mussel Beds		x x	X	\$500	93 - M						İ	
86		Monitoring	Herring Bay Experimental and Monitoring Studies	)	x		\$495	93 - M						-	
87	•	Option Not Identified	Bivalve Shellfish Rehabilitation Project		x   x	( X	\$860	M							
88		Option Not Identified	Clam Enhancement		(	(X	\$120	M					į		
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	;	- 1	(X	\$500	M	1						
90		Option Not Identified	Restoration of Mussel Beds	)	- 1	(X	\$500	M							
91	D	Option Not Identified	Characterization of Near-Shore Bottom Habitat	>	x x	(X	\$237	М				!			1
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	,	x		\$120	93 - M							
93	Ď	Monitoring	Recovery Monitoring	,	X		\$125	М							1
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS		x	1	\$180	М							11
95	$\triangleright$	Reduce Fishery Interactions	Change Black Cod Fishery Gear	,	X			M							
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet		x x	X	\$240	93 - M		-					
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	)		x	\$180	93 - M							
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season		x x		\$250	M							
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment		x x	X	\$509	M							
100		Minimize Incidental Take													
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M							

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

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1.5	SERVICE	SUBOPTION		s	N	Ď	\$K + #	(YEARS)	1	5 6	7	8	9 0	1	15.0
128 Multi	iple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			x	\$20,000	1		į					. [
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	1		:					
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition	1		X	\$1,000	1		1 :					
131		Increase Natural Food Supply	Ĺ∫ <sub>B</sub> IFI							į.					
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	x	X	\$50	M	-						, 1
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	x	$ \mathbf{x} $	\$408	М	1						, }
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X		Į	\$200	М			1				, (
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			\$40	М							
136		Intensify Management	Seabird Colony Restoration	X	X	X	\$250	М		:					ı I
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	М		:					1 1
138		Monitoring	Shoreline Worm Life Monitoring	X	X	Х	\$388	M							1 1
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	\$416	M	-						, <b>!</b>
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X.	X	X	one billion	М							, 1
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	\$280	М							
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	4 4	X	\$7	М		:					( <b>[</b>
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	\$650	1							
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	\$48	М							11
145		Option Not Identified	Shoreline Assessment	X	X	X	\$250	93 - M		į				1	1 1
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	\$28	М		!					, I
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	\$500	93 - M		!					, [
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	М							[
149	•	Recovery Monitoring .	Full Funding for Oil Spill Recovery Institute	X	X	X	\$2,300	1							. 1
150		Recovery Monitoring	Injured Resource Food Supply	X	х	X	\$850	M	ı	į					
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	\$500	М							, ]
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		\$600	М							,
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			\$80	M					1.		
154	···	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	\$150	М							
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	\$100	М					-		
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	\$200	М			1.				
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			\$35	М	$\perp$						

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or SERVICE	or SUBOPTION		P W S	K K		DURATION (YEARS)	9 9 5	9 9	9 9	9	0 0 0
158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X		\$91	M					
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations .	X	x)	\$275	93 - M					
160	Reduce Disturbance by Field Presence		Ì								
161	Reduce Disturbance Through Public Info	Public Information and Education !.	X	(x	\$316	M			1		
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X X	1	M		]			
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	x)	\$500	М		} }			
164	Restoration Monitoring	Ecosystem Study	Х	x x	\$6,000	М					
			İ						ŀ		
165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	Х		\$205	M	1				
166	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	M	ļ				
167	Intensify Management	PWS Herring Tagging Feasibility Study	·X		\$112	M					
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	М					
169	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	М					
170	Option Not Identified	Enhancement of Pacific Herring	X	<b>x</b> >	\$120	M	.   .				
171	Restoration Monitoring									1.	
										-	
172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	x	11.	a La car	93 - M					
173	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	Х	X	<b>\$180</b>	M				<b>.</b>	
174	Restoration Monitoring				1				.		
175	Temporary Predator Control					l:					
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<u>                                   </u>											

RESOUR	CE RESTORATION OPTION.	POTENTIAL PROJECTS	RE	GIO		EST.	EST.	1	1 1	1	,	1 2	2	ο 2
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SERVIC	E SUBOPTION		s	N.	D S		(YEARS)	1	, , ,	Ľ	Ľ	`	1	pr.
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	<b>x</b>  :	X	\$25	М.						-	
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1							
178	Fish Passes and Access	Otter Creek Fish Pass	X			\$130	. 1							
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1					İ		
180	Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	1							
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			x	\$55	1				1			
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	$\mathbf{x}$	x	\$727	М						-	
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	М					l		
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x			\$855	М							
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	М							
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x	İ		\$253	М							
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	X :	X	\$152	М	ļ						
188	Intensity Management	Pink Salmon Escapement Enumeration	X	x i	X	\$705	М							
189	Intensify Management	PWS Salmon Stock Genetics	x			\$150	М				1			
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	M	ļ			1 !			
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	x]	Ì	\$686	М							
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	M							
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X	}		\$141	M	.						
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	x			\$385	93 - M							
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	M							
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	x	X	x	\$300	М							
													.	
					-							1		
							, }							
			1		.						1 1			
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		<b>x</b> :	X S	1,250	M							
198	Establish Marine Environmental Institute	at the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th	$ \mathbf{x} $	$\mathbf{x}$	x s	6,000	1	ļ						1
199	Establish Marine Environmental Institute	Seward Sea Life Center	X	X .	X \$	40,000	1							
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X.	X	\$500	М							
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	x i	x L	\$500	М	1						

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Ç.	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EGI	ON	EST.	EST.	1	1 1		1 1	2	2 8
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	SERVICE	SAMPLED FRONT SAME		5	N	1 2		(YEARS)	`			<u>֚֓֡</u>	لل	, a
20	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System	}		X	\$500	1					1 1	
20	3	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1	- }	İ			1 1	.   1
20	1	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	×			\$50	М .		1	} }		1 1	
20	·	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M	1					
20		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	М		1	} }			
20	<b>,</b>	Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	М			1			
20	3	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1						
20		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1	Į			1		
21		New Backcountry Recreation Facilities	Improve Marine Parks	X	x	x	\$100	М	ļ					
21	· ·	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1	Ì					
21		New Backcountry Recreation Facilities	Prince William Sound Campground	x			\$70	1			1 1			
21		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	Х	\$150	М						
21		New Backcountry Recreation Facilities	PWS Kayak Trail	×			\$100	1	• [					
21		New Backcountry Recreation Facilities	PWS Recreation Facilities	×			\$250	] 1	ĺ					
21		Option Not. Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1	i	l		Ì		
21		Option Not Identified	Implement Prince William Sound Area Recreation Plan	х			\$400	М	i					
21		Option Not Identified	Sustainable Tourism in PWS	Х			\$240	М	i				1 1	
21		Option Not Identified	Watchable Wildlife	Х	X	Х	\$65	М	j					.
22		Option Not Identified	Increased Access PWS	Х			\$100	М	Ī	İ				
22		Plan Commercial Recreation Fasilities	Recreation Development	Х	X	X	\$200	М			1			
22		Restoration Monitoring			1			1	. }					
22		Visitor Cenjer	Bird and Mammal Specimens, University of Alaska Museum	х	x	X	\$77	М					1 1	
22		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	Х				1						
22		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	М						
22		Visitor/Center	Cordova Environmental Education Center	X	1		\$15	1		}			1 1	
22		Visite Center	Cordova Mini-Imaginarium	x	T		\$63	1	-					
22		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	х	X	Х	\$155	М						į
22		Visitor Center	Environmental Education Center in PWS	X	1		\$90	1				1	1	
23	)	Wisitor Center	Environmental Learning Resource Center	x	X	x	\$90	1						
23	Harana and the control of	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X	1	† †	\$450	1				1		
	<del></del>	·			Т.	-		<del></del>			ــــــــــــــــــــــــــــــــــــــ		4	

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232	Recreation	Nișitor Center	Information Center	×	X	x	\$600	_ 1								!
233	1	Visitor Center	Interpretation of PWS	×			\$10	М								ĺ
234		Visitor Center	Maritime Wing Valdez Museum	x			\$150	1		ļ						
235	† 	Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1	1		1					
236		Visitor Center	Valdez Visitor Center	X			\$850	1		ļ						
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~			1.				<b>.</b>		.							į
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	М	+							ĺ
98		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M								
239		Restoration Monitoring					600			İ	-					ĺ
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	<b>∤</b> ^	X	^	\$99	1	+		-					ĺ
				ĺ		-										
244	Rockfish	Intensify Management	Develop a Rockfish Management Plan	x	x		\$175	М	ı İ							
242	*	Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	М						1		ĺ
242		Monitoring		ŀ												ľ
243		Mountaing	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon													ĺ
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244	Sea Otter	Cooporative Prgm-Subsistence Users														ļ
245	P	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	x	\$83	. M								
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	x	\$337	М						İ		i
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters		X	1 1	\$450	М							. }	ļ
248	,	Monitoring	Sea Otter Population Dynamics	X	X	x	\$291	93 -	М							İ
249		Restoration Monitoring			·											i

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIOI	EST.	EST.	1	1 1		1 1		2 8
	or	OF A SOUTH		Р	к к	COST/YR	DURATION	9	9 9	9	9 9	0	0 0
	SERVICE	SUBORTION		s	N D	\$K	(YEARS)	4	5 6	7	8 9	ó	1 2
250	Sea Otter	Study: Eliminate Oil from Mussel Beds						Ī	Ī				
1								ĺ					1
1													
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	M						
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		x	\$333	м	1					
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		х		м						
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye	1 1	x	\$500	93 - M	İ					
255	•	Intensify Management	Kenai River Sockeye Salmon Restoration		x	\$1,000	93 - M			}			
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	М	1				1 1	.
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		×	\$6	м	1	İ	1		1 1	
258		Monitoring	Sockeye Salmon Overescapement	11	$\mathbf{x}   \mathbf{x}$	\$641	93 - M			j			1
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	x	-	\$165	93 - M						
260		Option Not Identified	Red Lake Salmon Restoration		X	\$72	М	- 1		·	.	1 1	
												1 1	İ
									.			1 1	
												1 1	
													1
261	Sport Fishing	Recovery Monitoring											
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		x	\$4,200	1						
263		Restoration Monitoring							ľ				
												1 1	
264	Subsistence	Access to Traditional Foods											
265		Bivalve Shellfish Hatchery											. [
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	x		\$200	М						
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	x	x x	\$300	1					[ [	



May 10, 1993

Exxon Valdez Oil Spill Trustees 645 G Street Anchorage, Alaska 99501

## EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

Dear Gentlemen:

We the undersigned express our support for Resolution 93-25 passed by the Cordova City Council. This resolution requests funding for two salmon coded wire tag projects and a Prince William Sound herring population assessment. We encourage your support for these important fisheries projects and urge you to approve their funding.

Name/Organization	Address	P	HONE NUMBER
Lordana (90	President, Pus	Su. Chr., Pic	Box 705
Cordana (90	07) 424-580E	Fox -5820	
COEDODA CHAMBER of	$\circ$	<u> </u>	
COPPERRIVER/PWS ADVISING	Conn.	CLOHAIR BO	x 1538 429-746°
Correliver PWS Aprisony of Marine Alvisory Program (Swiseritz of Alasta - Rich	Steines Box 83	O Cordova Ak.	424-3446
	ln)	(CEIVED) (CI 0 2 1995	
	TRU	VALDEZ OL SPILL ISTEE COUNCIL STRATIVE RECORD	



May 10, 1993

Exxon Valdez Oil Spill Trustees 645 G Street Anchorage, Alaska 99501

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Name/Organization	Address	<u> </u>	PHONE NUMBER
Hay Thomas	2 President ( F	Pus Sa. Cta.	, P.O. Box 703
Corsana (	(907) 424-52	800 Fax	-5820
Lorsland (  if Durin / Hull  H. Dan Hull, Vice Chai	, Via Cham, Pa	P. 0. B Cordova 907/424	ox 1110 , AK 99574 -7511 & FAX 424-7514
H. Dan Hull, Vice Chai	rman, Prince William	Sound Aquacultur	e Corporation
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EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Mraska 99501

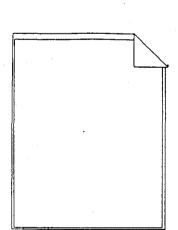
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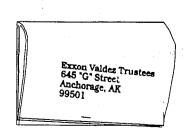
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EXXON VALUEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD 0036940504 DEGEIVED MAY 04 1993

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL



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



Then Staple or Tape Sheets Together....



Fold This Page Over Your Comment Sheets....



Attach Correct Postage

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

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

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;

<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;

<sup>(</sup>d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

Resource	Desc	cription of	Injury		f Recovery nber, 1992		ographic Injur	ic Exten ry (a)	it of	Comments/Discussion
	Oil Spill Mortality (total mortality estimate)(b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Sea Otters	YES (3,500 TO 5,000)	YES	YES	STABLE, BUT NOT RECOVERING	YES, POSSIBLY	YES	YES	YES (d)	YES (d)	Post-spill surveys showed measurable difference in populations and survival between oiled and unoiled areas in 1989, 1990 and 1991. Survey data have not established a significant recovery. Prime-age animals were still found on beaches in 1989, 1990 and 1991. Carcasses of sea otters feed in the lower intertidal and subtidal areas and may stibe exposed to hydrocarbons in the environment.
TERRESTRIAL	MAMNALS				-					
Black Bear	NO	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	No field studies were done.
Brown Bear	NO	NO	NO	(e)	(e)	(e)	(e)	(e)	(e)	Hydrocarbon exposure was documented on Alaska Peninsula in 1989 including high hydrocarbon levels in the bile of one dead cub. Brown bear feed in the intertidal zone and may still be exposed to hydrocarbons in the environment.
River Otters	YES (NUMBER UNKNOWN)	UNKNOWN	YES	UNKNOWN	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	Exposure to hydrocarbons and sub-lethal effects were determined, but no effects were established on population. Sub-lethal indicators of possible oil exposure remained in 1991. River otters feed in the intertidal and shallow subtidal areas and may be still be exposed to hydrocarbons in the environment.
Sitka Black- tailed Deer	NO	NO	NO	(e)	(e)	(e)	(e)	(e)	(e)	Blevated hydrocarbons were found in tissues in some deer in 1989.

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;

<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;

<sup>(</sup>d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

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

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;

<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;(d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

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

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;

<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;

<sup>(</sup>d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

Resource	Desc	cription of	Injury	Status of in Decem	Geo	-	c Exten ry (a)	t of	Comments/Discussion	
	Oil Spill Mortality (total mortality estimate)(b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Other Sea Ducks	YES (875) (b)	NO	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include Stellar's, king and common eider; white-winged, surf and blac scoter; oldsquaw; bufflehead; common and Barrow's goldeneye; and common and red-breasted merganser. Sea ducks tend to feed in the intertidal and shallow subtidal areas which were most heavily impacted by oil.
Other Shorebirds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include golden plover; lesser yellowlegs; semipalmated, western; least and Baird's sandpiper; surfbird; short-bille dowitcher; common snipe; red and red-necked phalarope.
Other Birds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include emperor and Canada goose; brant; mallard; northern pintail; green-winged teal; greater and lesser scaup; ruddy duck; great blue heron; long-tailed jaeger; willow ptarmigan; great-horned owl; Stellar's jay; magpie common raven; northwestern crow; robin; varied and hermit thrush; yellow warbler; pine grosbeak; savannah and golden-crowned sparrow; white-winged crossbill.
FISH										
Cutthroat Trout	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival and growth between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be duto continuing injury to the food base.
Dolly Varden	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	инкноми	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injust to the food base.

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;

<sup>(</sup>d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

Resource	Description of Injury				Recovery ber, 1992	Ged	_	c Exter ry (a)	nt of	Comments/Discussion
	Oil Spill Mortality (total mortality estimate)(b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Pacific Herring	YES, TO EGGS AND LARVAE	UNKNOWN	YES	UNKNOWN	NO	YES	UNKNOWN	UNKNOWN	UNKNOWN	Measurable difference in egg counts between oiled and unoiled areas were found in 1989 and 1990. Lethal and sublethal effects on eggs and larvae were evident in 1989 and to a lesser extent in 1990; in 1991 there were no differences between oiled and unoiled areas. It is possible that 1989 year class was injured and could result i reduced recruitment to the fishery.
Pink Salmon (Wild) (c)	YES, TO EGGS	POSSIBLY	YES	SEE COMMENTS	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	There was initial egg mortalituy in 1989. Egg mortality continued to be high in 1991, possibly due to genetic damage to spawners. Abnormal fry were observed in 1989. Reduced growth of juvenile was found in the marine environment, which can be correlated with reduced survival.
Rockfish	YES (20) (f)	UNKNOWN	YES	UNKNOWN	UNKNOWN	YES	YES	UNKNOWN	UNKNOWN	Few dead fish were found in 1989 in condition to analyzed. Exposure to hydrocarbons with some sublethal effects were determined in those fish, but no effects established on the population. Closure to salmon fisheries increased fishing pressures or rockfish which may be impacting population.
Sockeye Salmon	UNKNOWN	YES	YES	SEE COMMENTS	YES	UNKNOWN	YES	YES	NO	Smolt survival continues to be poor in the Red Lak and Kenai River systems due to overescapements in Red Lake in 1989, and in the Kenai River in 1987, 1988, 1989. As a result, future adult returns are expected to be low in 1994 and successive years. Trophic structures of Kenai and Skilak Lakes have been altered by overescapement.
SHELLFISH						:				
Clam	YES (NUMBER UNKNOWN)	UNKNOWN	POSSIBLY, FINAL ANALYSES PENDING	UNKNOWN .	инкиоми	YES	YES	YES	YES	Native 'littleneck and butter clams were impacted b both oiling and clean-up, particularly high pressure, hot water washing. Littleneck clams transplanted to oiled areas in 1990 grew significantly less than those transplanted to unoiled sites. Reduced growth recorded at oiled sites in 1989 but not 1991.

<sup>(</sup>a) There may have been an unequal distribution of injury within each region;

<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

Resource	Description of Injury				Status of Recovery in December, 1992			c Exten y (a)	t of	Comments/Discussion
	Oil Spill Mortality (total mortality estimate)(b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Crabs collected from oil areas were not found to have accumulated petroleum hydrocarbons.
Oyster	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Although studies were initiated in 1989, they were not completed because they were determined to be of limited value.
Sea Urchin	UNKNOWN	UNKNOWN	UNKNOWN	(e)	(e)	(e)	(e)	(e)	(e)	Studies limited to laboratory toxicity studies.
Shrimp	UNKNOWN	UNKNOWN	NO	(e)	(e)	(e)	(e)	(e)	(e)	No conclusive evidence presented for injury linked to oil spill.
INTERTIDAL/S	UBTIDAL CON	OMUNITIES	Tem, a			***				
Organisms/	YES	YES	YES	VARIABLE BY SPECIES, SEE COMMENTS	YES	YES	YES	YES	YES	Measurable impacts on populations of plants and animals were determined. The lower intertidal and, to some extent, the mid intertidal is recovering. Some species (Fucus) in the upper intertidal zone have not recovered, and oil may persist in and mussel beds.
	YES	YES	YES	VARIABLE BY SPECIES, SEE COMMENTS	YES	YES	UNKNOWN	UNKNOWN	UNKNOWN	Measurable impacts on population of plants and animals were determined in 1989. Eel grass and some species of algae appear to be recovering. Amphipods in eel grass beds recovered to pre-spill densities in 1991. Leather stars and helmet crabs show little sign of recovery through 1991.

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<sup>(</sup>b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;

<sup>(</sup>c) Population may have been declining prior to the spill;

<sup>(</sup>d) Based on recovery of dead animals from this region of the spill zone;

<sup>(</sup>e) If no injury was detected or known, no assessment of recovery could be made;

<sup>(</sup>f) Total body count, not adjusted for carcasses not found.

Service	Description of Injury	Status of Recovery	Geographic Ex	tent of	Injury	/ (a)	100
Passive Use In su w sp be sp w hat lecreation (e.g., runting, fishing, ramping, rayaking, railboating, intoroboating, revironmental education) re		in December, 1992	PWS	Kenai	Kodlak	Alaska Penin.	Comments/Discussion
Passive Use	In 1991, over 90% of those surveyed (nation-wide) said they were aware of the Exxon Valdez oil spill. People report that values have been lost; their feelings about the spill area have changed. There is a wide-spread feeling that something has been lost.	Recovery status is unknown.	YES	YES	YES	YES	Over 50% of those surveyed believed that the spill was the largest environmental accident caused by humans anywhere in the world. The median household willingness to pay for future prevention was \$31. Multiplying this by the number of U.S. household results in a damage estimate of \$2.8 billion.
Recreation (e.g., hunting, fishing, camping, kayaking, sailboating, motorboating, environmental education)	The nature and extent of injury varied by user group and by area.  About a quarter of key informants interviewed reported no change in their recreation experience, but others reported avoidance of the spill area, reduced wildlife sightings, residual oil, and more people.  Overall, recreation use declined significantly in 1989. Between 1989 and 1990 a decline in sport fishing (number of anglers, fishing trips and fishing days) were recorded for PWS, Cook Inlet and the Kenai Peninsula. In 1992 an emergency order restricting cutthroat trout fishing was issued for western PWS due to low adult returns. Sport hunting of harlequin duck was affected by restrictions imposed in 1991 in response to damage assessment studies.	Declines in recreation activities reported in 1989 appear to be recovering for some user groups, but the degree of recovery is unknown.  EVOS related sockeye overescapement in the Kenai River and Red Lake system is anticipated to result in low adult returns in 1994 and 1995. These over-escapements may result in sport fishing closures or harvest restrictions during these and perhaps in subsequent years.  The 1992 sport fishing closure for cutthroat trout is expected to continue at least through 1993.  Harvest restrictions are expected to continue for harlequin duck through 1993.	YES	YES	YES	YES	Survey respondents also reported changes in their perception of recreation opportunity in terms of increased vulnerability to future oil spills, erosion of wilderness, a sense of permanent change, concern about long-term ecological effects, and, in some, a sense of optimism.

Service	Description of Injury	Status of Recovery	Geographic Ex	YES YES YES Injuries and recovery status hellfish and herring are unimpacts on these fisheries	(**)*		
Commercial Fishing		in December, 1992	PWS	Kenal	Kodiak		Comments/Discussion
Commercial Fishing	During 1989, emergency commercial fishery closures were ordered in PWS, Cook Inlet, Kodiak and the Alaska Peninsula. This affected salmon, herring, crab, shrimp, rockfish and sablefish. The 1989 closures resulted in sockeye overescapement in the Kenai River and in the Red Lake system (Kodiak Island). In 1990 a portion of PWS was closed to shrimp fishing.	oil spill-related commercial closures in effect. Management actions to try to compensate for the spill are still in effect.	YES		YES		Injuries and recovery status of rockfish, pink salmon, shellfish and herring are uncertain. Therefore, future impacts on these fisheries is unknown.
Commercial Tourism	Approximately 43% of the tourism businesses surveyed felt their businesses had been significantly affected by the oil spill in summer 1989. The net loss in visitor spending in the oil spill area in 1989 was \$19 million.	By 1990, 12% of the tourism businesses surveyed felt their businesses had been significantly affected by the oil spill.	YES	YES	YES	YES	

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

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

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

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

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

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

<sup>(</sup>b) This page has not yet been reviewed by the Chief Scientist.



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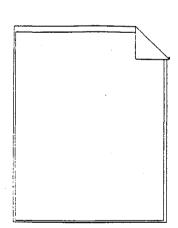
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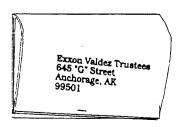
EXXON VALUEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD

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EXXON VALUEZ OIL SPILL TRUSTEE COUNCIL



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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		RE	GIO K		EST BOURATION	1 1 9	1 9 9	1 9 9	1 1 9 9 9 9	2. .0 0	2 NO OC OC OC OC OC OC OC OC OC OC OC OC OC
SERVICE	SUBOPTION			s	N	° Sić	(WEATE)	5	6	7	8 9	0	ı Ę
1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum		X	<b>X</b> :	X \$41	М						N
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design		X		\$300	1					1	N
3	Habitat Protection and Acquisition	Archaeological Site Acquisition		X	X :	X \$200	М						N
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency		X	$\mathbf{x}$	X \$525	М	1					N
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation		X	X	X \$400	М						-
6	Option Not Identified	Restoration of Chenega Village Site		X	Ī	\$75	1						
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency		x	X :	X \$300	93 - M		1				-11
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS		X		\$230	М						- U
9	Public Information	Heritage Information Replacement		Х	X :	X \$200	М						
10	Public Information	PWS Landmarks-Evaluation and Interpretation		X	7	\$400	М					1 1	)
11	Public Information	Public Education and Interpretation of Archaeological Resource		X	X	X \$400	M	-   -					-17
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites		X	X :	X \$225	M	-					
13	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency		X	X	X \$150	М					1	11
14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency		X	x :	X \$210	М			1			<b>)</b>
15	Site Stewardship Program	Archaeological Site Stewardship Program		$\tilde{\mathbf{x}}$	X.	X \$114	М		1				
16	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design		х		\$1,200	1						N
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17 Baid Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats		x	X :	x \$262					. }.		A.
19	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog		X		X \$10	м	1			ł		
10	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles		X		X \$200	M	-					N
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20 Black Oystercatche		Black Oystercatcher Interaction with Intertidal Communities		싀	X		93 - M	+					Ŋ
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	ļ	X	- 1	\$125	M	1	1	1	1		N

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22	Black Oystercatcher	Restoration Monitoring			1	-					1				7
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23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		×	x >	\$1,100	M	-			.			
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources		- +	$\frac{2}{x}$		M						-	٧
25		Intensify Management	Fishery Industrial Technology Center	4	- 1	$\mathbf{x}$		1		1				1	(
26		Intensify Mariagement	Model for Capacity of Salmon Production for the Susitna Drainage			x	\$150	М		1		1		}}	
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation			x	\$300	M						1	/
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment		Х	x >	( \$200	M			1		• • • • • • •	1 1	
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association		х	-  -	\$5,000	1		ļ	i			1 1	
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Reco	overy	x		\$868	M		ţ	:				
31	•	Recovery Monitoring	Wild Fish Stock Information Assessment		Х	x >	\$50	M			i				۱I
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island		- 1	>	\$45	М		1					/
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration		X	1	\$80	М					İ		
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program			X	\$50	М		1			Ì		1
35		Replace Harvest Opportunities	Red Lake Mitigation			>	\$191	М							V
				ŀ											
						_							.		
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity		X	X >	\$280	М							V
37	Commence of the commence of	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		X	x >	\$51	93 - M							
38	**************************************	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study			x >		M	] .						۱)
39		Recovery Monitoring	Common Murre Population Monitoring OL			X >		M			1		-		ا(
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	<u> </u>	- <del></del>	M	_				1.		Ŋ
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies Ot	UT		$\perp$	\$460	M							<b>V</b>

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	RESOURCE	RESTORATION OPTION:	- POTENTIAL PROJECTS	RE	GIO K		EST.	1 9 9	1 1 9 9 9 9	1 9 9	1 9 9	1 2 9 0 9 0	2 0	Do Not
	SERVICE	SUBOPTION	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	s	N	D ** \$K	(YEARS)	Ľ	5 6	7	8	9 0	1	bru.
42	Common Murre	Restoration Monitoring					M							N
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43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X		\$200	M							
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X		\$285	M	ļ. ļ.					.   .	(
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X		\$35	M				ļ ļ	_		1
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$950	M	.						11
47		Restoration Monitoring					М	_				. ].		N
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			· · · · · · · · · · · · · · · · · · ·											
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X \$600	1				.  .		/	M
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X	.	\$200	. М							Μ
50		Option Not Identified	Hazardous Material Collection Facility	X		X \$100	1		.		ļ ļ.		.   /	1)
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X		X \$488	M							П
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X \$70	М							. ] [
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X \$90	М					.   .	1 !	Ш
54		Public Information	PWS Brochures	X		\$65	M		.   .		ļ.			$\Lambda$
55		Public Information	PWS Implementation of Interpretive Plan	X		\$150	M		-		<b> </b>			11
56		Public Information	PWS Large Format Photographic Book	X		\$100	М		.					11
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X		\$70	М		.					H
58		Public Information	PWS Video Programs	<u>                                     </u>		\$100	М			<u> </u>				1
59		Public Information	Science of the Sound- Education Program	X		\$53	М							N
		Pulue Information	Ecological Harm caused by agressive Shoreline Cleaning Cost of Data oil Contamination Data Resulting from not Finger Printing "oil Samples	X		100	1	X				į		
		public Information	Cost of Data oil Contamination Data Resulting		_				.   .	<u> </u>		.		
		Bublic Information Bublic Information	from not Finger Printing "oil Samples of	X		200	1	X						
1	,	Public Information	Occurance of natural oil seeps in PWS	x١		150	1	X						

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p,	SERVICE	SUBOPTION		w S	N E	0 D	COSTYR	VEASE	9	9	9	9 1	9 9	0	0 7 1 5
60	Harbor Seal	Cooperative Program-Fishermen										1			<u> </u>
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	x	ļ	1 1	\$39	M		1	,	ł	1		A
62		Option Not Identified	Subsistence Harvest Assistance	X	-		\$23	м	1	†		1	-	1	
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X	Ì		\$165	93 - M		1- 1					- 1
64	}	Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	x	x	\$230	М				İ	1	1	
						1 1			1			.	-		Ŋ
				-											
65	Harlequin Duck	Eliminate Oil from Mussel Beds								!					
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M							N
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M							M
									İ	:					-
						1							-		
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68	Intertidal				ļ						.	.			
	mieridai	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	1	\$20	_ M					-		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	<u>M</u>				.   .			- 1/1
70		Accelerate Recovery of Intertidal Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	<u> </u>				-	.		1/
72		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M	1	-		-			- 1.
73	a tarana	Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	.   <u>^</u>			\$500	M M	-						- 11
74		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material Restore Shorelines Injured by Beach Berm Relocation	^	ļ	X	\$800					-	-		- (
		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	lî X		<del> </del> (	\$620	M			. }	-	.   .		-11
			Coastai Habitat Injury Assessment - Interlidat Algae	^	1	.[.^.]		101	-		ł	.	-		
75		to the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of	Fate and Transport of Subsurface Hydrocarbons in Boach Deposits in DWS	v		1 1	¢enn	1 84	,			- 1			1/
		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS  Coastal Habitat Comprehensive Intertidal Monitoring Program	X	¥	v	\$600 \$500	M	-						
75 76 77		Monitoring Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	1	1	\$500	М	-		-				
75 76 77 78		Monitoring Monitoring Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	x	\$500 \$200	M	-						· ·
75		Monitoring Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	×	X	1	\$500	М	-						

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SERVICE	SUBOPTION		s	N	ם	\$K	(YEARS)	4	5	6 1 7	8	9 0	1 អ្វី អ្វី ដ
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	Х	$ \mathbf{x} $	x	\$500	М						N
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M	X	X	X			
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	М				}		N
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	x	X	\$500	93 - M						
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M						)
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	М					1	
88	Option Not Identified	Clam Enhancement	X	×	X	\$120	М						
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	x	X	\$500	М						
90	Option Not Identified	Restoration of Mussel Beds	Х	X	X	\$500	М			1			1
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	x	X	\$237	М						N
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92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M	1.					N
93	Monitoring	Recovery Monitoring	X			\$125	M						7
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M	-					<b>       </b>
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	X		_		M						N
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96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M			1.		'	٨
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M	ļ				1 .	
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	_ X	X	X	\$250	M						
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	М						/
100	Minimize Incidental Take							_					
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M	$\perp$					M

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	Ri	EGIC	N I	ST.	ES	Te-	,	, <b>I</b>			T,	,	, 8
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SERVICE	SUBORTION		s	И	D	\$K##	(YE	(RS)	4	S	6	<u> </u>	9	0	1 8
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	x	x   \$	250	, N	1							V
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		The streams were as a second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o								.					
103 Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X \$	150	. N	1							N
104	Habitat Protection	Riparian Habitat Assessment	X	X		110	l N	1							. 11
105	Habitat Protection	Stream Channel Capability Modeling	X	X	X	110	N	1	-	. }					
106	Habitat Protection	Stream Habitat Assessment	X	X	X \$	361	93	М	İ	ļ					-11
107	Habitat Protection	Valdez Hazardous Waste Collection	X		\$	200	1		Ì		1				7
108	Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X \$	276	93	- М		İ					. 1/
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	x	x	100	N	1:	- [		-  -				
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X \$	750	N	1							_ ] }
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x	X \$	111	1								.   '
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X	:	1								
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1			.					
114	Habitat Protection and Acquisition	Valdez Duck Flats	X				1		Ī						, 1
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		20	1					Ì			$\vec{l}$
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1						1		1
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		1	x \$	250	1			]					11
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X		\$3	,500	1	. ]					•	li	]
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park	1		X \$	200	1								. 7
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X \$7	7,000	1					İ			- K
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	1 :	90	1					1	1		1
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	3	60	1		-	- T			1	[	
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		x	\$	400	1						1		1
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		x	3	80	1		.	İ					
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay	1 "	x	\$	740	1		-						
126	Habitat Protection and Acquisition	Habitat Acquisition	X	x	X \$2	5,000	93	- 1				1			- 11
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak	Ţ	·}··}-		2,500	1			†		-	-		K

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC	INC	EST.	EST.	,	, ,	Ι,	Ι, Γ	, ,	T,T	8
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128 Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		#	x l	\$20,000	1	L	i	╀		1		Ü
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		1	x	\$4,000	1		i					/\
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition	1		X	\$1,000	1		<u>-</u> -			-  -	(	
131	Increase Natural Food Supply	Trough Boar Horiego Gradin Modern go / requestion				. * ' ' ' ' ' ' '						1		
132	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	x	x	\$50	М		† "	†		-	1 1	
133	Intensity Management	Genetic Risk Assessment of Injured Salmonids		X	X	\$408	M	.		-				ı
134	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	M	1	1	1			1 1	-
135	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	x			\$40	M	1	:			1		ı
136	Intensify Management	Seabird Colony Restoration	X	X	X	\$250	М		:					-
137	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	М		: i			• •		-/
138	Monitoring	Shoreline Worm Life Monitoring	х	x	x	\$388	M	1	1	1		1	1	
139	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	x	X	\$416	M		-			-	1- 1	
140	Option Not Identified	Alaska Land and Wildlife Conservation Fund	1.1	x	- 1	one billion	М							
141	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	x	x	x	\$280	М		i			-		
142	Option Not Icentified	Oil Spill Injured Resources Literature Research and Review	x	x	x.	\$7	М		,					
143	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	x	X	\$650	1		:					
144	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	x	x.	x	\$48	м					1		1
145	Option Not Identified	Shoreline Assessment	X	X	X	\$250	93 - M	į	:			1		1
146	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	\$28	M	1						
147	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	\$500	93 - M	.			.	·   -	1	
148	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		x	- 1	\$800	М			1		-		
149	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	x	X	\$2,300	1		1					
150	Recovery Monitoring	Injured Resource Food Supply	x	х	X	\$850	М						1 1	П
151	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	\$500	М		İ			1		II
152	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		\$600	М							
153	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X		1	\$80	М		İ					
154	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	х	X	X	\$150	М		İ					l
155	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	х	X	Х	\$100	М		İ					
156	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	\$200	М							u
157	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	х		7	\$35	М		.   .	1			1 1,	N

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	EST.	EST.	1				, , , ,
or	or Subortion		P ₩ 5	K K E O N D		DURATION ;	9 9 5	9 9 6	9 9	9 9 9	Noc Fund
158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X		\$91	М			1		IA.
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	x x	\$275	93 - M				"	
160	Reduce Disturbance by Field Presence		İ								
161	Reduce Disturbance Through Public Info	Public Information and Education	X	x x	\$316	M	j j		1		1 1)
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	х	x x	\$50	м	1 1		1		111
i i		Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	x	XX	\$500	М	1 1				)
i 1	(* * * * <sub>1</sub>	Ecosystem Study	X	х	\$6,000	м					N
165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	x		\$205	м		-	-		N
titus ( )	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	М			1		1
1	Intensify Management	PWS Herring Tagging Feasibility Study	X		\$112	M	1		1		1 1
:	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	M				t	1 1
· •	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	x		\$60	M					(
	Option Not Identified	Enhancement of Pacific Herring	x	хх	\$120	M					l N
171	Restoration Monitoring								-		
172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey		x x	\$40	93 - M					A
	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X X		M M		+	-}	-	Y
	Restoration Monitoring	i igeon domentor necovery chilancement and wormonly	<b> </b> ^.		\$100	101	-				1 7
	Temporary Predator Control		-						-		X
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	SERVICE	SUBOPTION		s	N	D	\$K	(YEARS)	1	5	6	'	8	0	1	ากป
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	x	X	\$25	М								N
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1								/`
178		Fish Passes and Access	Otter Creek Fish Pass	x			\$130	1								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1		i	-					)
180		Fish Passes and Access	Sockeye Creek Fish Pass	x			\$60	1								1
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1								
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	х	X	\$727	М		,						
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	М		, [						l
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x			\$855	М								ŀ
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	М		.						ł
186		Intensify Maragement	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X	İ		\$253	М		.		İ				(
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	\$152	М				!				1
188		Intensify Management	Pink Salmon Escapement Enumeration	x	x	X	\$705	M	-							١
189		Intensify Management	PWS Salmon Stock Genetics	X			\$150	М		ıl		İ				
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x			\$66	М		,	.		ļ			
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	М	İ							
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	X		\$899	M								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	M	.	.						1
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M			.					/
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	M								1
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	M								N
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l				_						.	.					
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197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	М								V
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	.X	X	X	\$6,000	1								į.
199		Establish Marine Environmental Institute	Seward Sea Life Center	x	X	X	\$40,000	1								)
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	\$500	М							.   .	ļ
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	\$500	M								V

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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1							NI
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System		Ì.,	X	\$70	1				.]			
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	×			\$50	М			-			.   1	
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	x	X	Х	\$100	М							
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	М			1				
207		Monitoring	Recreation Field Management and Monitoring	×	X	x	\$700	М							П
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	×			\$150	1		Ī			1		
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х			\$20	1			1	"	-		11
210		New Backcountry Recreation Facilities	Improve Marine Parks	Х	X	x	\$100	м		-	1				
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	×			\$100	1	j	ı					
212		New Backcountry Recreation Facilities	Prince William Sound Campground	×			\$70	1	1	- [					11
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	×	X	x	\$150	М	Ť	1					
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X	-		\$100	1		•	1				
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	×			\$250	1	Ì	1	Ţ				
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	х	\$140	1	i		1				П
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	×			\$400	М	İ	1		1	-	1 1	
218		Option Not Identified	Sustainable Tourism in PWS	X	-		\$240	м							. [ ]
219		Option Not Identified	Watchable Wildlife	×	X	X	\$65	М	i		İ		ا ٠٠٠		
220		Option Not Identified	Increased Access PWS	X			\$100	М	1	- 1		+ 1	+		11
221		Plan Commercial Recreation Facilities	Recreation Development	×	X	x	\$200	М			1.	1			<i>[</i> -
222	· -	Restoration Monitoring	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		-				İ	1	1	1			/·
223	••	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	x	x	x	\$77	M .						1	
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	x			<u>I</u>	1	•		.	1 1			
225	***************************************	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	x	X	x	\$310	м				1			-
226	<del></del>	Visitor Center	Cordova Environmental Education Center				\$15	1							ļ
227	· · · · · · · · · · · · · · · ·	Visitor Center	Cordova Mini-Imaginarium	×		†	\$63	1						1	
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	^^	X	x	\$155	M	•		-	1		1	
229		Visitor Center	Environmental Education Center in PWS	×		F 1	\$90	1		.					
230		Visitor Center	Environmental Learning Resource Center	-   ^	X	x	\$90		-				.	-   -	۱I
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	^x		+	\$450		1	+			-		$\lambda_{\ell}$
	<u>.</u>	Troitor Corner	pesiabilisti Hardida Hesource Library and Computer Support Fechnical Service III Coldova	^	<u></u>		φ450					<u> </u>			للا

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100	SERVICE	SUBOPTION		s	N		(YEARS)	Ļ	ľ		<u>"   '</u>	L	1 5
232	Recreation	Visitor Center	Information Center	X	$ \mathbf{x} ^2$	X \$600	1						N
233		Visitor Center	Interpretation of PWS	X		\$10	M	١.					
234		Visitor Center	Maritime Wing Valdez Museum	X		\$150	1						,  }
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X		\$150	1						
236		Visitor Center	Valdez Visitor Center	X		\$850	1						N
			·										
237	River Otter	Monitoring	River Otter Recovery Monitoring	X		\$180	м		1		İ	1 1	N.
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	x		\$40	м					1 1	(
239		Restoration Monitoring				Ï			1 1				
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	x	x :	x \$99	1 1						N
						1							,   .
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241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X	\$175	M		1				, M,
242		Monitoring	Monitoring Injury to Rockfish in PWS	X		\$117	M			.			N
243		Monitoring											
							_			-			'
244	Sea Otter	Cooporative Prgm-Subsistence Users					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\						
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X Z		М	-				1	N
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	x	x :	X \$337	М						(
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	x	<b>x</b> :	X \$450	м						
248		Monitoring	Sea Otter Population Dynamics	X	x :	X \$291	93 - M						[(
249	_	Restoration Monitoring								_			N

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250 Sea Otter	Study: Eliminate Oil from Mussel Beds							1		Ī		N
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251 Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	М				1	.	N
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River	1	x	\$333	M			i		1 1	
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		\ \ \ <b>&gt;</b>	\$275	М		1		1	1 1	1
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X	\$500	93 M						7
255	Intensify Management	Kenai River Sockeye Salmon Restoration	İ	x	\$1,000	93 - M	-	1			1	1
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		x	\$143	М						)
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation	.	×	\$6	М		·				
258	Monitoring	Sockeye Salmon Overescapement		x x	\$641	93 - M					.	
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	x		\$165	93 - M		1				
260	Option Not Identified	Red Lake Salmon Restoration		[x	\$72	М					[ [	N
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261 Sport Fishing	Recovery Monitoring											
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	.	X	\$4,200	1					1	N
263	Restoration Monitoring			LL				F				
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264 Subsistence	Access to Traditional Foods											,
265	Bivalve Shellfish Hatchery											
266	Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X		\$200	М						N
267	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	ХХ	\$300	1						N

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SERVICE	SUBOPTION		s	N D	\$K	(YEARS)	4 5	6	7	8 9	٥	E d
268 Subsistence	Option Not Identified	Mariculture Technical Center	X	x x	\$2,200	1						N
269	Option Not Identified	Seward Shellfish Hatchery	X	X X	\$1,300	1						[7]
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	x x	\$700	M				!		$\parallel ( \parallel$
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X		\$50	М			İ		1 1	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	x		\$55	М						}
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery		x	\$2,500	1						
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	x	.	\$1,000	1				Ĺ		
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	XX	\$55	М						
276	Restoration Monitoring				1	l			Ì			
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	\$589	М						
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	\$300	М			ĺ			
279	Test Subsistence Foods	Subsistence Food Safety Testing	x	XX	\$308	93 - M				ļ		N
											-	
280 Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X	\$110	M						M
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X		\$715	M			. }			
282	Monitoring	PWS Spot Shrimp Survey	X		\$90	M	- 1					
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	\$275	M						
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X		\$265	93 - M	_					_  [
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X			M		.				
286	Monitoring	Subtidal Recovery Monitoring	X	X		M						. [[ ]
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	<b>( \$</b> 90	M				-		M
			-		_							
288 Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	Y	x >	\$450	м .	X					
	Administration	Geographic Information System Mapping of Natural Resources in Western PWS		^ /	\$75	M						
289	/ With the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state o	Geographic information System Mapping of Natural Resources in Western PWS			1 9/5	1 1/1	<b>X</b>				44	لسلسا

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	RESOURCE or	*** RESTORATION OPTION or	POTENTIAL PROJECTS	RE	GIO		EST.	1 9 9	1 9 9	1 1 9 9 9 9	1 9 9	1 9 9	2 2 0 0 0 0	DS NOE
	SERVICE	SUBOPTION		·S	N · I	* \$K	(YEARS	<u> </u>	5	6 7	8	9	0 1	ğ
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	$\mathbf{x}$	\$10	93 - M	X						
291		Administration	Toxicological Profile of PWS	X		\$150	I	X						ı
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon-Valdez Oil Spill-Mapping Activities	x	x >	₹ \$8	М	X						
293		Public Information	Database Integration	x	x x	\$14	I	X	1 1					
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	x	X :	<b>(</b>	М	X						
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	x	X X	\$120	) M	X						
296	•	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	x	x x	<b>\$10</b>	1	×	1 1					
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	<b>X</b> 3	\$72	М			T			1	V
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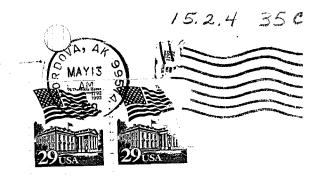
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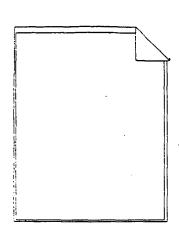
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-	SERVICE	SUBOPTION	H S N D SK (YEARS)	5 6 7 8 9 0 1 En
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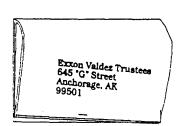
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501



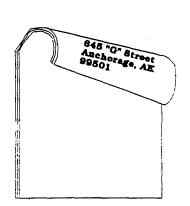
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL



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



Then Staple or Tape Sheets Together....



Fold This Page Over Your Comment Sheets....



Attach Correct Postage

74	RESOURCE OF B	RESTORATION OPTION  31 SUBOPTION	POTENTIAL PROJECTS	fire is a	RE Pas	GION K K E O N D	eic's	eesi ilijasiok (Vealis)	1 9 9	1 9 9 5	1 1 9 9 9 9 6 7	1 9 9	1 2 9 .0 9 0	O Not Find
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum		X	XX	\$41	M		-				M
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design		X		\$300	11			.			(
3		Habitat Protection and Acquisition	Archaeological Site Acquisition		×	X X	\$200	M		.	.			
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency		X	XX	\$525	M			1_			N
5		Intensified Management	Vandalized Cultural Resources-Inventory, Evaluation, Interpretation	•	X	XX	\$400	M	.		ļ., ,			1
6		Option Not Identified	Restoration of Chenega Village Site		X		\$75	1						1 4
7.	2	Capion Not Identified	Site-specific Archaeological Restoration - Interagency		X	X X	\$300	93 - M						
8	1995	Pablic Information	Passports in Time-Cultural Resource Patterns in PWS		X		\$230	M						
9		Proble Information	Heritage Information Replacement		X	XX	\$200	M						
10		Public Information	PWS Landmarks-Evaluation and Interpretation		X	. ]	\$400	М						1
11	A	Public Information	Public Education and Interpretation of Archaeological Resource		X	XX	\$400	M	.					
12	S C	Persits ation Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites		X	XX	\$225	M		1	1			
13		Sie Eatrol and Monitoring	Archaeological Site Protection-Public Education-Interagency		X	x x	\$150	M						
14	<u> </u>	Site atrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency		X	$\mathbf{x} \mathbf{x}$	\$210	M			-			
15		Site Sewardship Program	Archaeological Site Stewardship Program		X	x x	\$114	M						V
16	Antonic manufacture and a popular paragraphic manufacture and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design		Х		\$1,200	1						
	,						<u> </u>							
4.7	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats		x	x x	\$262	M	.	.				
1			Bald Eagle Productivity Survey and Catalog		x	ХX		М				1 1	Ì	
18		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles		x	XX		М	·		İ	1		
19		Recovery Monitoring	Long-Term r opulation Monitoring for Daid Cagles											
											-			
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities		X	$\mathbf{x} \mathbf{x}$	\$108	93 - M		.			1	
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS		x	$\perp$	\$125	M		丄				1 6

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	RESOURCE or SERVICE	RESTORTION SECTION	POTENTIAL PROJECTS IS	RE P w s	GION K K E O N D	EST W COSTIVE SK	ESTE DURATION (YEARS)	1 9 9 4	1. 9 9	1 1 9 9 9 6 7	1 9 9	1 9 9 9	2 0 0 0	De Not Fund	
22	Black Oystercatcher	Restoration Monitoring											İ	NO.	í
				-											
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	XX	\$1,100	М								l
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	x	x x	\$385	М	V	٠,	داء	x X	x	$\mathbf{x}$	ر الع	ĺ
25		Intensity Management	Fishery Industrial Technology Center	x	x x	\$3,500	. 1		<b>'</b>	1		[ ]		سو آ	
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X	\$150	M							(	_
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		x	\$300	M								
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	x	x x	\$200	M	· · .			-			1)	İ
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	x		\$5,000	1			[					
30	20 m 1 m 1 m	Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	x		\$868	M	χ	X	ХX	'   K	y	Y	2	
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	x x	\$50	М		1	××	1		X	<b>5</b> 4	ĺ
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island		.X	\$45	М	'	`   '			'		. 6	ĺ
33	1 1	Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X		\$80	M	X	7	x ×	: 🔀	X	XX	۱``	
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X	\$50	M								
35	င <b>်</b> မှာ	Replace Harvest Opportunities	Red Lake Mitigation		x	\$191	M			ļ	-				
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36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	x	хх	\$280	М								ĺ
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	x	хx	\$51	93 - M								ĺ
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	x	хx	\$73	М				'		-		ĺ
39		Recovery Monitoring	Common Murre Population Monitoring OUT	x	хх	\$191	M							$\exists I$	
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	x	x x	\$40	М								1
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT			\$460	М				Ì			1	ĺ

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	SERVICE	SUBOPTION		s	N	D HYSKE	(YEARS)		<u>.                                    </u>		Ľ		1 8
42 C	common Murre	Restoration Monitoring					M						
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43 C	utthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X		\$200	М	4.	<u> </u>				11
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X		\$285	М	1	XZ	14	1	3 (	1
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x		\$35	М	1	X	44	1		44
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$950	М		<b>' [</b>	$I \mid I \mid$		/ //	1/1
47		Restoration Monitoring					M						
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						1						1	
		•											
48 G	ieneral	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X \$600	1		-	- [ - [			
49	<i>i</i> .	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X		\$200	М						
50		Option Not Identified	Hazardous Material Collection Facility	X	X.	X \$100	1		-		1		
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	x	X :	X \$488	M						
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X :	X \$70	M.						
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X \$90	М		.  -				
54		Public Information	PWS Brochures	X		\$65	М						
55		Public Information	PWS Implementation of Interpretive Plan	x		\$150	M						
56		Public Information	PWS Large Format Photographic Book	X		\$100	М						
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X		\$70	М	:	1.				
58		Public Information	PWS Video Programs	[x]		\$100	М						
59		Public Information	Science of the Sound- Education Program	X		\$53	М						
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60 Harbor Seal	Cooperative Program-Fishermen					in the second second		Ī	1				10
61	Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	х		\$39	М				İ			$\sim$
62	Option Not Identified	Subsistence Harvest Assistance	x		\$23	М	1 1			1		10	
63	Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	x		\$165	93 - M	"	. [					1 1
64	Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	x	хx	\$230	М				1		1 1	
													<i>j</i>
65 Harlequin Duck	Eliminate Oil from Mussel Beds											1	
66	Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	x	$ \mathbf{x} \mathbf{x}$	\$700	93 - M	i						1
67	Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	x	x x	\$53	М			12				1
68 intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	1	ХХ		M						1	
69	Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	1 - 1	XX		М					1 1	/  .'	1
70	Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	1	x x		M					1 1		1
71	Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X X	\$50	М		-			$\perp A$		
72	Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X		\$500	M		Ì					
73	Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material		X X		M				ŀ	IV		
74	Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	1	хх	1	M						$\checkmark$	1
75	Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	Х		М			- [				$\mathbb{N}$
76	Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X		\$600	М						1	<b>1</b>
77	Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	XX		M							
. 78	Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X X	\$200	M	.						1
79	Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	1	x x		M							1
80	Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams		XX	·	M				101	1/K	Ki	
81	Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X X	\$186	M	人工	<u>X</u>	光	イス	1 /42	ムア	

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RESOURCE	RESTORATION OPTION Or	FOIENIAL PROJECTS	FT	K K	COSTAR	DURATION	9	9 9	9	9 9	0	0 n
SERVICE	SUBOPTION		S S	E O	SK	(YEARS)	4	5 6	7	8	°	i R
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	x x	\$500	М		Ī		Ī		, /
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	x	$\mathbf{x}   \mathbf{x}$	\$600	М						M
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	x	$\mathbf{x} \mathbf{x}$	\$195	М				- 1	1 1	
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	$ \mathbf{x} $	$\mathbf{x}   \mathbf{x}$	\$500	93 - M				- {	11	-1/1
86	Monitoring	Herring Bay Experimental and Monitoring Studies	x		\$495	93 - M			1 1	- ( :	11	1 (1
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	x	$x \mid x$	\$860	М			1 1		1 1	-   }}
88	Option Not Identified	Clam Enhancement	1 1	$\mathbf{x} \mathbf{x}$		М						
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	$ \mathbf{x} $	$\mathbf{x}   \mathbf{x}$	\$500	М	.					
90	Option Not Identified	Restoration of Mussel Beds	x	$\mathbf{x} \mathbf{x}$	\$500	М					1	
90	Option Not Identified	Characterization of Near-Shore Bottom Habitat	x	x x	\$237	М				İ		/ /
31	Option Not idistituted	Ondidotorication of the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the original and the								1	1 1	
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92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	x		\$120	93 - M					1 1	$- \mathcal{V} $
	Monitoring	Recovery Monitoring	x	1.	\$125	M			1 1		1	
93	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	x	.	\$180	М		-		- 1	1 1	NI
94	Reduce Fishery Interactions	Change Black Cod Fishery Gear	X			М	-		1			
95	Heduce Fishery interactions	Change black ood i lanely dod.								-	1 1	
			1 1		1							Y
	247											1
96 Marbled Murrelet	Lighted Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	XX	\$240	93 - M					1 1	
	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	χX	\$180	93 - M		1				
97	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	ХX		М				-		
98	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X X	\$509	М						1
99	Habitat Protection	Marbieu Murrelet Nesting and Feeding Site Originalization and Assessment	1 1									1
100	Minimize Incidental Take	Date : Clater of Markland Murrelat Populations In Konsi Fiords and Katmai Mational Parks	† †	хх	\$200	M	-	1	1 1		1 1	1
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		$^{\sim}$	1 <b>\$200</b>		ــــــــــــــــــــــــــــــــــــــ		1		4-4	البحلب

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2.57	RESOURCE or SERVICE	RESTORATION OPTION	POTENTIAL PROJECTS		REG	ON x o p	EST COST/YR	ESTE DURATION (YEARS)	1 9 9	1 1 9 9 9 9	1 9 9 7	1 1 9 9 9 9 8 9	2 0 0	Do Not Fund
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	1	x   x	( X	\$250	М	Ī					Kir
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	700			İ		١.	_		.					
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						_								
103	Multiple Resources	Habitat Protection	Habitat Modelling		x   >	( X	\$150	М						\ \
104		Habitat Protection	Riparian Habitat Assessment	1	x >	( X	\$110	М	.					$\Lambda$
105		Habitat Protection	Stream Channel Capability Modeling	- 1	x >	(X	\$110	M						
106		Habitat Protection	Stream Habitat Assessment		x >	(X	\$361	93 - M						/
.107		Habitat Protection	Valdez Hazardous Waste Collection	.	x		\$200	1 1						//
108	•	Habitat Protection	Vegetation and Stream Classification and Mapping		x >	(X	\$276	93 - M		-				
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	-	x >	ΚĮX,	\$100	M			ļ.			-111
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	1	x >	(X	\$750	M					.	1/-1
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge	1	()	(X	\$111	1 1	.					11
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1 1	.		1			<i>/</i>
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge	.		X		1					I. V	
114		Habitat Protection and Acquisition	Valdez Duck Flats		x	:		1 1	. 4					
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		>	(	\$20	1					\	
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1		1:			1 1	$\backslash \bot \bot$
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1						$\mathbf{M}$
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed		X.		\$3,500	1	.					
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park	[.		X	\$200	1						
,120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge	.		X	\$77,000	1 1						
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		>	<u>(                                    </u>	\$90	1 1					1	
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		)	<b>(</b>	\$60	1 1						$\Lambda$
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		)		\$400	1 1						
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		>	[	\$80	1						
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		>		\$740	1 1						· //
126		Habitat Protection and Acquisition	Habitat Acquisition	]:	x >	( X	\$25,000	93 - 1	]					
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak		$\perp$	X	\$112,500	1 1						)

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N (* !	ST.	EST	,		, ,		,	<b>T</b> , T	8
or SERVICE	or SUBOPTION		P W S	K K E 0	1 1997 (1998)		DURATIO (YEARS)	,	9 9 5	9 9 9 9 6 7	9 9 8	9 (	0 0 0 0 1 1 1	Not Find
Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		1>		0,000	1		i			<b>_</b> _		Ē
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		>	< \$2	,000	1	1						r
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		)	< \$	,000	1		1				K	
[ ]	Increase Natural Food Supply						•							١
32	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	x	x x	d :	550	М.	1				•		١
33	Intensify Management	Genetic Risk Assessment of Injured Salmonids	x	x x	< s	408	M	1.						Į
34	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	x	İ	\$	200	M	X	×	*  ×	14	49	XX	_
35	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	x	1	:	640	М						'	1
36	Intensify Management	Seabird Colony Restoration	X	x x	< \$	250	М	-		1				ĺ
37	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	x		\$	250	M	×	44	L   u	U		ایار	1
38	Monitoring	Shoreline Worm Life Monitoring	x	хİх	⟨ \$	388	·M	'`	1	_   _	7	י ר	77	P.
19	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	x	x >	< \$	416	М		4					)
10	Option Not Identified	Alaska Land and Wildlife Conservation Fund	x	x x	( one	billion	М	^	<b>%</b> >	'   >	1	イメ	-12	_
11	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	x	x x	<	280	M						11	
12	O 11 A1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Oil Spill Injured Resources Literature Research and Review	x	хİх	(	\$7	M			.			-	
13	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	x	x x	⟨ \$	650	. 1		;				I V	
14	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	$ \mathbf{x} $	хİх	<b>(</b>   :	648	М	1						١
15	Option Not Identified	Shoreline Assessment	x	хİх	<b>( \$</b>	250	93 - M		[				11	1
46	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		7	<b>(</b> )	28	M							/
17	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	x	хX	<	500	93 - M		. !				-	1
18	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program	11	x	\$	800	М	1				1		(
19	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	x	x x	<b>( \$2</b>	,300	1							1
50	Recovery Monitoring	Injured Resource Food Supply	X	x x		850	M							1
51	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	x	хX	<b>( \$</b>	500	M			İ			1 /	1
1'	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		x	\$	600	M	1		Ì			[	
i <b>3</b>	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	x			80	M						11	)
i4	•	Migratory Waterfowl and Shorebird Monitoring	x	хх	· \$	150	M		1		-			/
55		Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	x	x x	<	100	M							
56	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	$ \mathbf{x} $	хX		200	М							·
57	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	$ \mathbf{x} $	-		35	М	·   :		1		1	1 1	)

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GION	EST.	ESTIA		T	T			7	۲
( Lange )	or SERVICE	OC SECTION	enter primario de la companya de la La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co	P W S	K K E O D	COSTAYA SK	DURATION (YEARS)	9	9 9	) 9 5 7	9 9 8	9 9 9	0 (	Not Fund
11	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X		\$91	М						$\top$	N
1	9	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	x	x x	\$275	93 - M							1
11	o	Reduce Disturbance by Field Presence									1			
1(	1	Reduce Disturbance Through Public Info	Public Information and Education	x	x x	\$316	М	1					1	Λ
10	2	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	x	ХX	\$50	М	.		ľ				$-1$ \'
10	3	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	. x	x   x	\$500	М							
10	4	Restoration Monitoring	Ecosystem Study	X	x x	\$6,000	М		ļ			1		1/
16	6 7 8 9 0	Intensify Management Intensify Management Intensify Management Monitoring Monitoring Option Not Identified Restoration Monitoring	Genetic Stock Identification for Herring in PWS Herring Spawn Deposition, Egg Loss, and Reproductive Impairment PWS Herring Tagging Feasibility Study Herring Embryo Viability Evaluation - Natural and Catastrophic Effects Larval Herring Age and Growth in PWS Using Otoliths Enhancement of Pacific Herring	× × × ×	×	\$205 \$400 \$112 \$189 \$60 \$120	М М М М	** ***	XXXX XX	1 4 7 4 4 X	XXXXX	** ** *	****	
f 1 1	4	Monitoring Monitoring Restoration Monitoring Temporary Predator Control	Pigeon Guillemot Colony Survey Pigeon Guillemot Recovery Enhancement and Monitoring	1 1	x x x x	+ .	93 - M M							
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	RESOURCE	RESTORATION OPTION or	POTENTIAL PROJECTS	RE	GION		EST.	1 1 9 9 9	1 9 9	1 9 9	l l 9 9 9 9	2 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	SERVICE	SUBOPTION	A A PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PART OF THE PA	s	N D	\$K	(YEARS)	1	6	_'	B 9	l° L	1 lá
17	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	$\mathbf{x}   \mathbf{x}$	\$25	М				-		NW
17	7	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration		×	\$28	1	Ì					117
17	3	Fish Passes and Access	Otter Creek Fish Pass	x		\$130	1		} .				
17		Fish Passes and Access	Pink Creek Pink Şalmon Restoration		×	\$11	1						-111
18		Fish Passes and Access	Sockeye Creek Fish Pass	x		\$60	1				j		
18		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement		×	\$55	1	}					111
18	!	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	x x	\$727	М	XX		J.	رار	1. 1	
18	3	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x		\$495	М	V				122	
18		Intensify Maragement	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x		\$855	М	1	7	٧,		7	<b>3</b>  -
18	;	Intensify Maragement	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x	l	\$500	М	(T)	' [		"Y	1/1	
18		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	×	[	\$253	М	$I \mid I$	(	1 1		1 (	
18		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	x x	\$152	M ·	111	Ш		1 1	1/ /	
18		Intensify Management	Pink Salmon Escapement Enumeration	x	x x	\$705	М	$\mathbf{H}$					111
189		Intensify Management	PWS Salmon Stock Genetics	X		\$150	M	N	$\Pi$		111	d V	1 1
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x		\$66	M -	١	$\sqcup$			1	]
19		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X	\$686	М						
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	X	\$899	М		$\setminus \mid I \mid$			1 ///	/
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	x		\$141	М		$\mathbf{M}_{I}$		$H_{I}$	4/ V	
194	,	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	x		\$385	93 - M	1	1/	1,		<b>/</b> /.	
19		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	x		\$50	M	X	44	4	$\forall$	441	
19	1	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	x x	\$300	М						10
							1					11	
l								-				1 1	111
						ļ <u>.</u>	1						111
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		ХX	\$1,250	M						
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	x x	\$6,000	1						
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	x x	\$40,000	1						$\mathbb{N}$
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	x	$\mathbf{x} \mathbf{x}$	\$500	М						
20		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	$\mathbf{x} \mathbf{x}$	\$500	M						

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RESOURCE	RESTORATION DESIGN	POTENTIAL PROJECTS	RE	<u> </u>	EST.	EST	, [	, ,			, ,	, 8	7
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202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System		×	\$500	1 1							K
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System		X	\$70	1 1				.		111	٦
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X		\$50	М					.   .		١
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	x	x x	\$100	M					į	$\parallel \parallel$	ı
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	x		\$58	М							
207	Monitoring	Recreation Field Management and Monitoring	X	X X	\$700	М	1	-		i		/1	ı
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X		\$150	1		1					H
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	X		\$20	1 1		:					Ш
210	New Backcountry Recreation Facilities	Improve Marine Parks	X	x x	\$100	М	ļ		}			$\perp \perp \perp$	/
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X		\$100	1					.	$\parallel \parallel$	-
212	New Backcountry Recreation Facilities	Prince William Sound Campground	X		\$70	1	ļ	1					Ì
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	x x	\$150	M	- 1	-					1
214	New Backcountry Recreation Facilities	PWS Kayak Trail	X		\$100	1 1	.						ı
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	X		\$250	1					1	1 1	1
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		x x	\$140	1							İ
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	X		\$400	М		-   -					١
218	Option Not Identified	Sustainable Tourism in PWS	X		\$240	М	į						1
219	Option Not Identified	Watchable Wildlife	X	XX	\$65	M	. [	F				$\  \ $	ı
220	Option Not Identified	Increased Access PWS	X		\$100	М							
221	Plan Commercial Recreation Facilities	Recreation Development	X	X X	\$200	М							
222	Restoration Monitoring				<u> </u>								1
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	x >	\$77	М							1
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X			1	.						1
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X X	\$310	M					1.		١
226	Visitor Center	Cordova Environmental Education Center	X		\$15	1							1
227	Visitor Center	Cordova Mini-Imaginarium	x		\$63	1 1							1
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	x x	\$155	М							
229	Visitor Center	Environmental Education Center in PWS	X		\$90	1							١
230	Visitor Center	Environmental Learning Resource Center	X	ΧĮ	\$90	1							
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	x		\$450	1							╛

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	REC	MOIE	EST.	EST.	1 1	į	ı ı	1 2	2	z.
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	SERVICE Recreation	SUBOPTION		SN	' I D	<u> </u>	(YEARS)	ļ <b>ļ</b>	<b>!</b> !				
	•	Visitor Center	Information Center	x ;	X X	\$600	1			ļ		1	W
233		Visitor Center	Interpretation of PWS	X		\$10	M					1	1
234		Visitor Center	Maritime Wing Valdez Museum	X		\$150	1						/
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X		\$150	1						11
236		Visitor Center	Valdez Visitor Center	×		\$850	1						11
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		·		,									
1	<b>.</b>												11
1 1		Monitoring	River Otter Recovery Monitoring	X		\$180	M					. !	
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X.		\$40	M			-			
239		Restoration Monitoring								.			
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X   2	X X	\$99	1 .						\
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	Dooklish							ابدا			.		
1 1	ĺ	Intensify Management	Develop a Rockfish Management Plan	X   ?	X   _	\$175	M	XX	X	<b>L</b> K	XV		-
242	· 1	Monitoring	Monitoring Injury to Rockfish in PWS	X	] ]	\$117	M	XX	1/4				
243		Monitoring							11	1		ΥΊ	N
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<sup>-</sup>  -		Cooporative Prgm-Subsistence Users		ļ ļ.							].		
245	· ··- · · · · · · · · · · · · · · · · ·	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X   3	X X	\$83	М	.  .					-
246	·· • • • • • • • • • • • • • • • • • •	Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X X	\$337	M						.
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X)	XX	\$450	М						4
248	1	Monitoring	Sea Otter Population Dynamics	X X	x x	\$291	93 - M						
249		Restoration Monitoring								<u> </u>			

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250	Sea Otter	Study: Eliminate Oil from Mussel Beds									·	P
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	M					\
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		x	\$333	м	1 1				1 1
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon	1	x	\$275	м					1/1
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		x	\$500	93 - M					1 (1
255		Intensify Management	Kenai River Sockeye Salmon Restoration		x	\$1,000	93 - M					
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	М	1.1				
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		x	\$6	M		`			ľ
258		Monitoring	Sockeye Salmon Overescapement	1.	X X	\$641	93 - M		ļ			1 1
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M					1 //
260		Option Not Identified	Red Lake Salmon Restoration		×	\$72	M					
261	Sport Fishing	Recovery Monitoring		1	1						/	/
262	3	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		$ \mathbf{x} $	\$4,200	1	1				
263		Restoration Monitoring										
							.,					
00.4	Subsistence	Access to Traditional Foods		-	+.						1	
264		Access to Traditional Foods Bivalve Shellfish Hatchery			1						$    \rangle$	
265 266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X	:	\$200	M					<b>\</b>
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267	1	Option Not Identified	Mariculture Halchery and Hesearch Center Feasibility Study and Design		1717	1 \$300	<u> </u>					

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SERVICE	SUBOPTION		s	N D	\$K	(YEARS)	4 5	6	7 g	٩	0 1	and
268 Subsistence	Option Not Identified	Mariculture Technical Center	x	x x	\$2,200	1					14	NC
269	Option Not Identified	Seward Shellfish Hatchery	x	x   x	\$1,300	1					-1/V	
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	x x	\$700	М		1 1	Ì	!		1
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	x		\$50	М			İ			İ
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	x		\$55	М					1	
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery .	11	x	\$2,500	1	} }					<b>\</b>
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	x		\$1,000	1				· i		11
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	x x	\$55	М						
276	Restoration Monitoring											11
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	$\mathbf{x} \mathbf{x}$	\$589	M						11
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	x	x x	\$300	М						M
279	Test Subsistence Foods	Subsistence Food Safety Testing	x	x x	\$308	93 - M			1			¥
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Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X	\$110	М	XX	X	XS	4XI	XX	.
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X		\$715	М	XX	1	YX		XX	٩
282	Monitoring	PWS Spot Shrimp Survey	x		\$90	M	XX	4	<b>X</b>		XX	. [
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	XX	\$275	M		'	<b>'</b>   '		11	1n
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X		\$265	93 - M						AV
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	$\mathbf{x} \mathbf{x}$	\$390	М		1 1			.   .	
286	Monitoring	Subtidal Recovery Monitoring	X	XX	\$400	М					1.1	, <b>1</b>
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	χX	\$90	М						\
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88 Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	×	$\mathbf{x} \mathbf{x}$	\$450	М						
89	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	x		\$75	М						

1994	POTENTIAL	PROJECT.	TITLES

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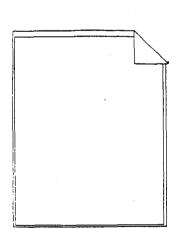
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	SERVICE	SUBOPTION		5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u>Р</u>	** \$K	(YEARS)			1.	-			ä
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M							M
291		Administration	Toxicological Profile of PWS	X			\$150	M.				1.			
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	М						1.	
293		Public Information	Database Integration	х	x	x	\$148	М	×	8	$\langle   \rangle$		1	1/	
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	x	X	, i	М	W.	1	7	Υ.	177	-	M
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	x	x	X	\$120	М							1
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	x	x	x	\$100	М							$\  \ $
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	x	\$72	M					ļ.		$\parallel \parallel \parallel$
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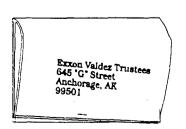
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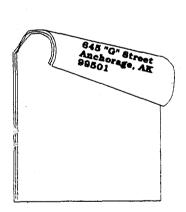
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1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	х	X	( \$41	M							T
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	x		\$300	1							
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	x	x   x	\$200	М							
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	×	X	\$525	М							
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	x	(x)	( \$400	М							1.
6	Option Not Identified	Restoration of Chenega Village Site	x		\$75	1							
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	(x)	\$300	93 - M							
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS	X		\$230	M							1.
9	Public Information	Heritage Information Replacement	X	X	\$200	М		[ .					
10	Public Information	PWS Landmarks-Evaluation and Interpretation	X		\$400	М							
11	Public Information	Public Education and Interpretation of Archaeological Resource	X	x   x	\$400	М							
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	×	( x )	\$225	М							
13:	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	×	(x)	\$150	M.				1			
14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	×	x   x	\$210	М							
15	Site Stewardship Program	Archaeological Site Stewardship Program	X	x   x	( \$114	M						ļ	
6	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X		\$1,200	1			_				
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7 Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	(x)		M	$ \mathbf{x} $	×					
18	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X		M		.					
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	( x )	\$200	M							
													1
									.				
Black Oystercatch	er Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	×	(x)	\$108	93 - M	X	X					1
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X		\$125	М							

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22	Black Oystercatcher	Restoration Monitoring			Ï						Ī	1			1
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23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	x	<b>X</b> :	X \$1,	100	М	] -		-				
24	·	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	x	<b>x</b> :	<b>K</b> \$3	85	М					]		
25		Intensify Management	Fishery Industrial Technology Center	x	<b>X</b>	Κ \$3,	500	1	1.						
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X	\$1	50	M	.						
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X	\$3	00	M			į	1.			
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X :	K \$2	00	М					١.		
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X		\$5,	000	1			1				
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X		\$8	68	M			į				
31	-	Recovery Monitoring	Wild Fish Stock Information Assessment	X	<b>X</b> 2	X \$!	50	M			!				
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island		_ ] :	K \$4	45	M							
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	Х		\$1	30	M			İ				
34	_ ,	Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X	\$	50	M							
35		Replace Harvest Opportunities	Red Lake Mitigation			X \$1	91	M							
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36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity		X :		80	М	X						
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	x	<b>X</b>	X \$	51	93 - M	X	X	×.				
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	<b>X</b> :	X \$	73	М	X	X	X		ļ		
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	X Z	X \$1	91	M	1.						
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X :	<b>K</b> \$-	40	М	X	X					
41	1	Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT			\$4	60	M							

2.00	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	REGION EST	EST.	. EST.	1	1	1	1	1 1	2	- 2		
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12	Common Murre	Restoration Monitoring						M		.					
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		·													
3	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	×		-	\$200	М							
4		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	М							
5		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M	×					ļ	
16		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M						<u>.</u>	
47.		Restoration Monitoring						М						ļ	
48	General	Administration	Oil Spill Restoration Support Service and Facilities	×	x	x	\$600	1					-		
49	. <del>-</del>	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	Х	-		\$200	М							
50		Option Not Identified	Hazardous Material Collection Facility	X	X	х	\$100	1	_  >	(					
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	М				.  -			
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M							
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M				.			
54		Public Information	PWS Brochures	X			\$65	M	- }	ļ ļ	.				
55		Public Information	PWS Implementation of Interpretive Plan	X	ļ		\$150	M			.				
56		Public Information	PWS Large Format Photographic Book	X		-	\$100	M						ļ	
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	. X		-	\$70	M.		.   !					
58		Public Information	PWS Video Programs	X			\$100	M							
59		Public Information	Science of the Sound- Education Program	X			\$53	M		+			ļ		
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						-		+			-			-	<b> </b>  .
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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	GI	ON	EST.	EST.	1 9	1 9	1 1	1 1 9	1 9	2 2	Do No
7	SERVICE	SUBOPTION	in the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the propert	Р ₩ 5	K E N	<b>К</b> О D	GOSIATA SK	VEA:	3	9 5	9 9	9 8	9	0 1	c Punc
60	Harbor Seal	Cooperative Program-Fishermen			ii			100 000 mg 2 m20 / 2 mg	628			1			
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	x		]	\$39	M	-					-	
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	М		11		-		1	
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M		1 - 1					
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	x	X	x	\$230	М	×	×		ŀ			
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	Harlaguin Duck			1.						3.00		-	1	1.	
1	Harlequin Duck	Eliminate Oil from Mussel Beds		1											
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	: t.	X	1 1	\$700	93 - M	×	X					
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	Х	X	\$53	М		!					
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68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	М							
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	Х	x	\$70	M		. ~		.	1 1	-  -	
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X		x	\$300	М	-	1 1		-	†	-	
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	Х	x	\$50	М							
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	М		-			1 1		
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	x	\$800	М	×	X					11
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	x		М				·			
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	Х	x	\$620	М				1			11
76	]	Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	М	1						
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	Х	X	\$500	М	1	1 1				1	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait	1	X	x	\$200	М							
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	x	\$275	М		-			1		11
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	x	X	x	\$50	М							
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	x	\$186	М	1					1	

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SERV	VICE SUBOPTION		S	N D	SK	(YEARS)	4	5 6	7	8 9	0	1 ii
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	x	x x	\$500	М						
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	x x	\$600	M						
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	x x	\$195	M				] ]		
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	x x	\$500	93 - M	X	×				
86	Monitoring	Herring Bay Experimental and Monitoring Studies	x		\$495	93 - M						
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	x x	\$860	М					] ]	1 1
88	Option Not Identified	Clam Enhancement	X	x x	\$120	М				.		
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	x	x x	\$500	М						<b> </b>
90	Option Not Identified	Restoration of Mussel Beds	x	x x	\$500	М	×	ト)>	<			
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	x	ΧX	\$237	М					-	
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92 Killer Whale	e Monitoring	Photo-Identification Studies of PWS Killer Whales	X		\$120	93 - M						1
93	Monitoring	Recovery Monitoring	X		\$125	M						
94	Monitoring '	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X		\$180	M						
.95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	х			М						
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				j	]							
96 Marbled Mu	urrelet Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	x x	\$240	93 - M	]					
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	x x	\$180	93 - M						
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	ХX	\$250	М						
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	x x	\$509	М						] ]
100	Minimize Incidental Take											
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		x x	\$200	М						

RESOURCE	RESTORATION OPTION :	POTENTIAL PROJECTS	IR	EGIO	N EST.	EST						
or SERVICE	SUBOPTION		P <b>W</b> S	K E N	COSTA	DURATION (YEARS)	1 9 9	1 1 9 9 9 9 9 5 6	9 9 7	9 9 9	9 0 9	0 6
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	Х	x	X \$250	М		1			$\overline{}$	
			1					Ì				
103 Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X \$150	М						
104	Habitat Protection	Riparian Habitat Assessment	X	X	X \$110	М		1			}	1.
105	Habitat Protection	Stream Channel Capability Modeling	. X	X	X \$110	M		.				
106	Habitat Protection	Stream Habitat Assessment	X	X	X \$361	93 - M						
107	Habitat Protection	Valdez Hazardous Waste Collection	x		\$200	1		. }		· -	1	1
108	Habitat Protection	Vegetation and Stream Classification and Mapping	×	X	X \$276	93 - M	×					
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	ĺχ	X	X \$100	М	X	Ī				
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	×	x	X \$750	М						
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x.	X \$111	1	Ιİ	İ	1			
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge	İ		X	1			1		1	
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			x	1					1	"
114	Habitat Protection and Acquisition	Valdez Duck Flats	x			1	X				1	
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1 1		.	1		1	
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			x	1	1					1 1
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X \$250	1	11	1				11
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	×		\$3,500	1		1			1	
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		1-1:	X \$200	1						
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X \$77,000	1				1		1 1
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		x	\$90	1				1		1 - 1
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		x	\$60	1		.		-	<u> </u>	
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		x	\$400	1					•	
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		x	\$80	1					.	
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		x	\$740	1					į	
126	Habitat Protection and Acquisition	Habitat Acquisition	X	X		93 - 1	<u> </u>		+		·	
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		-	X \$112,500			+				+

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	EGIC	Ж	EST.	EST.	1	1 1	1	1	1 2	2 2	8
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128 Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	\$20,000	1							
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	1	١						
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	\$1,000	1		i		1 1			
131	Increase Natural Food Supply						İ	}						
132	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	\$50	М							
133	Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	x	X	\$408	М							
134	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	М			}				
135	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			\$40	М		:					
136	Intensify Management	Seabird Colony Restoration	_ X	X	X	\$250	М	X	×					
137	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	М					ŀ		
138	Monitoring	Shoreline Worm Life Monitoring	Įχ	X	X	\$388	M			į				
139	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	x	X	\$416	М			Ì				
140	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	x	X	one billion	М							
141	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	\$280	М	X	×	-				
142	Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	\$7	М				1 1			
143	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	$ \mathbf{x} $	X	\$650	1		:					
144	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	x	\$48	M				1 1			
145	Option Not Identified	Shoreline Assessment	X	X	X	\$250	93 - M				1. 1			
146	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study	_ _		X	\$28	М							
147	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	\$500	93 - M							
148	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	М							
149	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	\$2,300	1							
150	Recovery Monitoring	Injured Resource Food Supply	X	X	X	\$850	M							
151	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	x	\$500	М							j.
152	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		\$600	М							
153	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			\$80	М			}				
154	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	\$150	М							
155	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	x	\$100	М							
156	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	\$200	М	1						j
157	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			\$35	М	'					-	H

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## 1994 POTENTIAL PROJECT TITLES

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GION	EST.	EST.		, 1,	1.1	П	<b>.T.</b> T
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158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X	Ī	\$91	М	1		1	1	11
59	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	x	$\mathbf{x} \mathbf{x}$	\$275	93 - M					
60	Reduce Disturbance by Field Presence						1				
51	Reduce Disturbance Through Public Info	Public Information and Education	x	$\mathbf{x} \mathbf{x}$	\$316	М	İ		1		
52	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	x	$\mathbf{x} \mathbf{x}$	\$50	М	-		1		
63	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	x	$\mathbf{x} \mathbf{x}$	\$500	М			1		
64	Restoration Monitoring	Ecosystem Study	x	$\mathbf{x} \mathbf{x}$	\$6,000	М					1 1
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5 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X		\$205	M					
6	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	x		\$400	M					
57	Intensify Management	PWS Herring Tagging Feasibility Study	x		\$112	M					
88	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	М					
<b>,</b>	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	М					
0	Option Not Identified	Enhancement of Pacific Herring	X	хx	\$120	М	İ		1		
-	Restoration Monitoring										
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Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	$\mathbf{x} \mathbf{x}$	\$40	93 - M					
73	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	x x	\$180	м 2	×X				
74	Restoration Monitoring						.				
75	Temporary Predator Control										
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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N	ST.	EST.	1	1	1 1	,	1	2 2	b
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SERVICE	SUBOPTION ****		5	N	D	\$K	(YEARS)	<b>'</b>	5	6 7	8	9	0 1	und
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	$\mathbf{x}$	<b>x</b>	25	M							
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			x  :	528	1							
178	Fish Passes and Access	Otter Creek Fish Pass	x		1	130	1							
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			x	<b>511</b>	1 1				ľ			İ
180	Fish Passes and Access	Sockeye Creek Fish Pass	x			60	1 1			1				
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			x :	<b>55</b> 5	1	1						
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	<b>x</b>	X s	727	М							
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X		1	495	M							
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X		\$	855	M							
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			500	M							
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X		\$	253	М							
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	X	X S	152	M							
188	Intensify Management	Pink Salmon Escapement Enumeration	x	X :	x   \$	705	M							
189	Intensity Management	PWS Salmon Stock Genetics	x		\$	150	М		ĺ					
190	Intensity Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x			666	М						Ì	
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X	1	686	М		1.				ľ	
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	$ \mathbf{x} $	X	.   . \$	899	М							
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X		\$	141	M							
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X	_	\$	385	93 - M							
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			50	M		1					
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X   \$	300	М							'
								-					İ	
	1													
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X \$	,250	M							
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X \$	,000	1 1							
199	Establish Marine Environmental Institute	Seward Sea Life Center	X	X.	X \$4	0,000	1							
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X   1	500	М							
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	X	x   1	500	M							

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	EGI	ON	EST.	EST			, ,	1	П	2 2	ጸ
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202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			$ \mathbf{x} $	\$500	1				1	Π		
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1							
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	×			\$50	M	Ì	1					
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	×	x	x	\$100	М			ļ				
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	×			\$58	М		ĺ	1				
207	Monitoring	Recreation Field Management and Monitoring	×	X	X	\$700	М							
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1							
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	×		1-1	\$20	1				""			
210	New Backcountry Recreation Facilities	Improve Marine Parks	×	X	x	\$100	М	İ			ľ		1 1	
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1				1			
212	New Backcountry Recreation Facilities	Prince William Sound Campground	×	-	1	\$70	1				"	1		:
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	×	X	x	\$150	М			1.	-		1	
214	New Backcountry Recreation Facilities	PWS Kayak Trail	×	-		\$100	1							
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	×	'		\$250	1							
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1				1			
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	х			\$400	М				1.			
218	Option Not Identified	Sustainable Tourism in PWS	×			\$240	M			-	1			
219	Option Not Identified	Watchable Wildlife	×	X	X	\$65	М			Ì		1	1	
220	Option Not Identified	Increased Access PWS	×	-		\$100	М	- 1			†			
221	Plan Commercial Recreation Facilities	Recreation Development	×	X	Х	\$200	М			-				
222	Restoration Monitoring			1	$\Box$									
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	×	X	x	\$77	М			·			1-1	
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	×	ļ	† †		1					1 1		• 1
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	×	X	x	\$310	М	-				† †		
226	Visitor Center	Cordova Environmental Education Center	×		1-1	\$15	1			-   -	1	T -		
227	Visitor Center	Cordova Mini-Imaginarium	X	1	† †	\$63	1			-				
228	Visitor Center .	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	x	\$155	M .					1		
229	Visitor Center	Environmental Education Center in PWS	X			\$90	1			"				•
230	Visitor Center	Environmental Learning Resource Center	X	X	x	\$90	1							-
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X		1	\$450	1			- 1				

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EGIC	MC	EST.	EST.	1	1	1 1	1	1	2 2	용
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SERVICE	SUBOPTION		s	N	D	\$K	(YEARS	1	5	6 1	ľ	9	0 1	pig
232 Recreation	Visitor Center	Information Center	×	x	X	\$600	1							'
233	Visitor Center	Interpretation of PWS	X			\$10	M							
234	Visitor Center	Maritime Wing Valdez Museum	X			\$150	1							
235	Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1			} .				
236	Visitor Center	Valdez Visitor Center	×			\$850	1							
										į.		-		
237 River Otter	Monitoring	River Otter Recovery Monitoring	×			\$180	м	×	<b>X</b>	X		-		
238	Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	x			\$40	М							
239	Restoration Monitoring												İ	
240	Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	×	x	x	\$99 	1;							
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241 Rockfish	Intensify Management	Develop a Rockfish Management Plan	x	X		\$175	М	1						
242	Monitoring	Monitoring Injury to Rockfish in PWS	х	1		\$117	М	X	×					
243	Monitoring	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon			1									
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244 Sea Otter	Cooporative Prgm-Subsistence Users		-		.  -			-						
245	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M		X	X				
246	Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	х	X	\$337	М			7		-	1	
247	Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	1 - 1	x	\$450	М							'
248	Monitoring	Sea Otter Population Dynamics	×	·		\$291	93 - M					-  -		
249	Restoration Monitoring				1								-  -	

5.43	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RF	GION	EST.	FST				TT		ğ
	or	Or .		P	кк		DURATION	9 9	9	9 9	9	2 2 0	No.
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250	Sea Otter	Study: Eliminate Oil from Mussel Beds	(under bird other resources)		<u>"</u>			××		1			П
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251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	М						
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River	-	X	\$333	М					-	
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		X	\$275	М						<b>, ,</b>
254	,	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		x	\$500	93 - M						
255	** *	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M						il
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X .	\$143	M						1
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		×	\$6	М				11		İ
258		Monitoring	Sockeye Salmon Overescapement		x x	\$641	93 - M						
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M						
260		Option Not Identified	Red Lake Salmon Restoration		×	\$72	M						1
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Į.	Sport Fishing	Recovery Monitoring							.		-	}	
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X	\$4,200	1 1		-		-1 1		-
263		Restoration Monitoring		.   .					.	. ]			- 1
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004	Subsistence	A Tadisinal Fadis								.   -		ļ	
	annaiatailea	Access to Traditional Foods		-									
265		Bivalve Shellfish Hatchery Option Not Identified				******			1.			}	-
266		and the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control	Chenega Bay Subsistence Restoration Project (Remove Oil)			\$200	M			- }	1		
267	'	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	$X \mid X$	\$300	1						

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC	)N	EST.	EST.	1	1	1 1	1	1	2 2
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Subsistence	Option Not Identified	Mariculture Technical Center	x	x	x	\$2,200	1						
269	Option Not Identified	Seward Shellfish Hatchery	X	x	X	\$1,300	1						
70	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	x	X	\$700	М						
71	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	x			\$50	М	×					1. }
72	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M				i		
73	Replace Harvest Opportunities	Port Graham Salmon Hatchery		x		\$2,500	1						
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	x			\$1,000	1				1 i		
75	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	х	x	\$55	М				j		
276	Restoration Monitoring												
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	x	X	\$589	М	×	$\langle X  $			- 1	
78	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	Х	x	X	\$300	M		1				
79	Test Subsistence Foods	Subsistence Food Safety Testing	х	Х	X	\$308	93 - M	X	1				
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Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	Х	x		\$110	М	$\times$				İ	
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	М	-					
282	Monitoring	PWS Spot Shrimp Survey	x			\$90	М						
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	x	х	X	\$275	М			1			
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M			1.			
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	x	X	\$390	М						
286	Monitoring	Subtidal Recovery Monitoring	X	x	X	\$400	М			1			
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	x	X	\$90	М						
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288 Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	$ \mathbf{x} $	X	\$450	М						
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	x		1	\$75	м					Ī	

1994 POTENTIAL PROJECT TH	HLES
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290 Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	x	X X	\$105	93 - M					1 1
291	Administration	Toxicological Profile of PWS	X		\$150	М					
292	Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	x x	\$8	М					
293	Public Information	Database Integration	x	$\mathbf{x} \mathbf{x}$	\$148	М					
294	Public Information	Develop User Friendly Synopsis of Oil Spill Information	x	$\mathbf{x} \mathbf{x}$		М					
295	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	x x	\$120	М					1 1
296	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	x	x x	\$100	М					
297	Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	x x	\$72	М					
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EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

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EXXON VALUEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD 0021940430 D) E@EIVED APR 30 1993

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	SION	EST.	EST.	1	1	<b>,</b> ,	1,	1	2 2	b
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SERVICE	SUBOPTION		s		\$K	(YEARS)	4	5	6 7	8	9 0	) 1	und
1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	хх	\$41	М		X					
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X		\$300	1				X			
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	x	$\mathbf{x} \mathbf{x}$	\$200	M	X						
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	x	x x	\$525	M					$\Box$		X
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	X	x x	\$400	М							X
6	Option Not Identified	Restoration of Chenega Village Site	X		\$75	1	X						9
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	Х	хх	\$300	93 - M		T			$\sqcap$		
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS	X		\$230	М							X
9	Public Information	Heritage Information Replacement	X	x x	\$200	М							X
10	Public Information	PWS Landmarks-Evaluation and Interpretation	х		\$400	М							X
11	Public Information	Public Education and Interpretation of Archaeological Resource	х	хх	\$400	M	,						X
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	ΧX	\$225	М							X
13	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	хх	\$150	М							X
14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	Х	ХX	\$210	М							X
15	Site Stewardship Program	Archaeological Site Stewardship Program	x	хх	\$114	M							X
16	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	х		\$1,200	1					П		X
						:							7
17 Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	x	x x	\$262	М	-		X				1
18	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	Х	хх	\$10	М	X						1
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	x	хх	\$200	М					1		X
						-							
		· · · · · · · · · · · · · · · · · · ·											
20 Black Oystercatche	Pr Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	x x	\$108	93 - M	+	+	-	-	$\vdash$	+	X
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	x	-	\$125	M			+		$\Box$	+	1

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	Р	GI6	ĸ	EST. COSTAYR	EST.	1 9	1 9	1 1 9	1 9	1 2 9 0	2 0	Jo Not
SERVICE	SUBOPTION		s s	E N	O D	\$K	(YEARS)	4	5	6 7	8	9 0	1	Sund.
22 Black Oystercatcher				Ī	Ī					1		Ī		7
			П											
						i								
		·												
23 Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	x	Х	Х	\$1,100	М							
24	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	x	\$385	M							$\leq$
25	Intensify Management	Fishery Industrial Technology Center	x	X	x	\$3,500	11		X					
26	Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M	<u> </u>						_
27	Intensify Management	Susitna River Sockeye Salmon Production Evaluation		x		\$300	M	X						
28	Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M							X
29	Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1				X			
30	Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M	X						
31	Recovery Monitoring	Wild Fish Stock Information Assessment	Х	x	x	\$50	M	X						
32	Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M	X						
33	Replace Harvest Opportunities	Montague Island Chum Salmon Restoration -	х			\$80	М	X						
34	Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		x		\$50	М	X						
35	Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M	X						
														- [
					$\perp$									
36 Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	-	X	_	\$280	. M	× X						
37	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		х	-+	\$51	93 - M	X					$\perp \perp$	$\perp$
38	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study		Х	-+-	\$73	M		X					$\rfloor$
39	Recovery Monitoring	Common Murre Population Monitoring OUT	X	X	Х	\$191	M			X			$\perp \perp$	$ \bot $
40	Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	x	Х	\$40	М						1 7	<b>\</b>
41	Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				\$460	M							

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N EST.	EST.	1	1	, ,	Ι, Γ	1 2	2 8
	or SERVICE	or SUBOPTION		P W S	E	COST/YI	DURATION (YEARS)	<b>₩</b> 4 7.	9 9 5	9 9 9 9 6 7	9 9 8	9 0 9 0	Not Fund
42	Common Murre	Restoration Monitoring			1		М					Ī	
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X	-	\$200	М						×
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	x		\$285	М						×
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	х		\$35	М					X	
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$950	M						X
47		Restoration Monitoring				1	М	T					
48	General	Administration	Oil Spill Restoration Support Service and Facilities	x	x x	( \$600	1			_		_	X
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	х		\$200	М	1					X
50		Option Not Identified	Hazardous Material Collection Facility	X	x x	\$100	1	X	П				1
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	Х	X X	\$488	М						
52		Public Information	Public Broadcasting System Program on Oil Spill	х	X X	\$70	М	$\top$					X
53		Public Information	Publish and Distribute Brochures on Injured Species	Х	x x	( \$90	M						
54		Public Information	PWS Brochures	x		\$65	М						K
55		Public Information	PWS Implementation of Interpretive Plan	Х		\$150	М						X
56		Public Information	PWS Large Format Photographic Book	Х		\$100	М						X
57	-	Public Information	PWS Scenic Byway Nomination and Interpretive Plan	Х		\$70	M						X
58		Public Information	PWS Video Programs	X		\$100	М						
59		Public Information	Science of the Sound- Education Program	Х		\$53	М						

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	P	K E N		EST. Cost/yr SK	EST. DURATION (YEARS)	1 9 9	1 1 9 9 9 9	. 1 9 9	1 9 9	1 2 9 0 9 0	Do Not Fund	
60	Harbor Seal	Cooperative Program-Fishermen								Ī			Ī		1
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	Х			\$39	М	X						1
62		Option Not Identified	Subsistence Harvest Assistance	Х			\$23	М	X						
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	Х			\$165	93 - M	X						
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	Х	Х	Х	\$230	М		(					1
	77														
65	Harlequin Duck	Eliminate Oil from Mussel Beds											1_		
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	. X		X	\$700	93 - M							
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	х	\$53	М							l
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	х	\$20	М	M						
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	Х	x	\$70	М			1		1	X	
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	Х	Х	х	\$300	М						X	1
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	Х	Х	х	\$50	М						X	1
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	М						×	1
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	Х	Х	Х	\$800	М						X	
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	Х		М							
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	Х	X	X	\$620	М	M						
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	М						X	1
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	Х	Х	x	\$500	М						X	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	x	\$200	М	M					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	+	<del>  -</del>	\$275	М						X	
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams		-		\$50	М						XXX	
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	· X	X	X	\$186	М						$\square$	

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	(C) (E)	N	EST.	EST.				T		ÿ
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SERVICE	SUBOPTION			E N		\$K	(YEARS	1	5	6 7	8	9 0	1 Fund
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	x	\$500	М	İ	ĪĪ			Ī	X
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	Х	X	x	\$600	М						
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	Х	х	X	\$195	М						
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	х	X	X	\$500	93 - M	X					
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M	$\searrow$	4				
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	Х	X	X	\$860	М	X					
88	Option Not Identified	Clam Enhancement	Х	X	X	\$120	М						X
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	М						
90	Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	М						
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	Х	Х	X	\$237	М						
<del>-</del>								-					
92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	Х			\$120	93 - M						
93	Monitoring	Recovery Monitoring	Х			\$125	M						X
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	Х			\$180	М	X					
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	х				М						
96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet		X	x	\$240	93 - M	X					
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	Х	Х	x	\$180	93 - M	×					
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	х	\$250	М	X					
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	Х	x	\$509	М	X					
100	Minimize Incidental Take					-		1					
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	М	$\rightarrow$	1		11		

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	· · · · · · · · · · · · · · · · · · ·	GIC		EST.	EST.	1 9	1 9	1 1 9 9	1 9	1 2	2 2 0 0	Do No
or SERVICE	or SUBOPTION		P W S	K E N	K O D	COST/YR \$K	(YEARS)	9 4	9 5	9 9	9	9 (	) 0 0 1	t Fund
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	Х	x	x	\$250	М							
103 Multiple Resources	Habitat Protection	Habitat Modelling	X	x	х	\$150	M	1					+-	X
104	Habitat Protection	Riparian Habitat Assessment		x		\$110	М							
105	Habitat Protection	Stream Channel Capability Modeling	X	$\rightarrow$	<del></del>	\$110	М							团
106	Habitat Protection	Stream Habitat Assessment	Х	х		\$361	93 - M	X					$\top$	
107	Habitat Protection	Valdez Hazardous Waste Collection	Х		$\top$	\$200	1	X						П
108	Habitat Protection	Vegetation and Stream Classification and Mapping	Х	х	X	\$276	93 - M							X
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	Х	X	x	\$100	М						18	M
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	Х	х	x	\$750	М							X
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x	X	\$111	1							$\bowtie$
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			Х		1							
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			Х		1							X
114	Habitat Protection and Acquisition	Valdez Duck Flats	Х				1							$\geq$
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1							X
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve	_		X		1							$ \mathbf{x} $
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			Х	\$250	11						<u></u> 上	X
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	11				-			M
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			Х	\$200	1	<u> </u>		_				X
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			х	\$77,000	11							$ \mathbf{X} $
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1							M
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1							X
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1							X
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1							$\triangleright$
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		x		\$740	1							
126	Habitat Protection and Acquisition	Habitat Acquisition	Х	X	X	\$25,000	93 - 1							X
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1	$\times$						

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N	EST.	EST.	1	, [	, [	1,1	1 2	, 8
	or	or		P	K I		OSTAR	DURATIO	9	9	9 9	9 9	9 0	0 0 Not
	SERVICE	SUBOPTION		s	N I	D	\$K	(YEARS)	4	5	6	В	9 0	1 bi
128 <b>Mul</b>	Itiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		)	X s	\$20,000	1				X		
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		)	x .	\$4,000	11				$\sqrt{}$		
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		)	X .	\$1,000	11	1					
131		Increase Natural Food Supply								•				
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations		X X		\$50	M						<u> </u>
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	Х	x >	X	\$408	М						$\bot$
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	M	$\times$					
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	Х			\$40	M	X					<u> </u>
136		Intensify Management	Seabird Colony Restoration	Х	X X	X	\$250	M				$\bowtie$		
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	Χ			\$250	М	X					
138		Monitoring	Shoreline Worm Life Monitoring	Х	x :	X	\$388	М						
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	Х	X Z	x	\$416	М	X	i		-		
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	x :	χo	ne billion	M		i				
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	Х	X :	X	\$280	М		i				>
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	Х	x :	X	\$7	М						\ \
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	Х	x :	x	\$650	1	T					TB
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	Х	<b>X</b> :	X	\$48	М						
145		Option Not Identified	Shoreline Assessment	Х	X :	X	\$250	93 - M						<b> </b>   <b> </b>
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		]	X	\$28	М	X					
147	100	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	Х	X :	X	\$500	93 - M						
148	· ·	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		Х		\$800	М						
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	Х	<b>X</b>	X	\$2,300	1						
150		Recovery Monitoring	Injured Resource Food Supply	X	<b>X</b> :	x	\$850	М						$\top$
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	Х	<b>X</b>	X	\$500	М						X
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		Х		\$600	М	T					$T \uparrow \rangle$
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	Х			\$80	М						TK
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	Х	<b>X</b> :	X	\$150	М						TA
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	Х	<b>X</b> :	x	\$100	М						TK
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	х	X :	х	\$200	М						TY
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	х			\$35	M						TS

## 1994 POTENTIAL PROJECT TITLES

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		GIE		EST.	EST.	1 9	1 9	1 9	1 9	1 1	2	2 Do No
or SERVICE	or SUBOPTION		W	E N	K O D	COST/YR \$K	(YEARS	<i>WW</i> 7.	9 5	9	9 7	9 9 8 9	0	0 E Fund
158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	М		Ī	1		1		X
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	х	\$275	93 - M			ļ	X			
160	Reduce Disturbance by Field Presence													
161	Reduce Disturbance Through Public Info	Public Information and Education	Х	Х	X	\$316	· М							X
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	Х	Х	X	\$50	М	$\rightarrow$						
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	Х	Х	Х	\$500	М		$\top$					X
164	Restoration Monitoring	Ecosystem Study	х	Х	Х	\$6,000	М							X
						•				į				
165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	х	$\exists$	7	\$205	М	7						
166	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	Х			\$400	М	$\rightarrow$						
167	Intensify Management	PWS Herring Tagging Feasibility Study	Х			\$112	М	$\overline{}$						
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	Х			\$189	М	×						
169	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	Х		-	\$60	М	1×						
170	Option Not Identified	Enhancement of Pacific Herring	Х	х	Х	\$120	М	5	7					
171	Restoration Monitoring							1		_	$\Box$		-	
							.*							
172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	Х	X	\$40	93 - M		X	1	+			
173	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	Х	Х	Х	\$180	М			X				
174	Restoration Monitoring	,							7					
175	Temporary Predator Control													
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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		GIC		EST.	EST.				TT	<b></b>	TT	ğ
or	OF OF	FOIEWHAL PROJECTS	Р	к			DURATIO	9	9	1 1 9	9	1 2 9 0	0	Not
SERVICE	SUBOPTION		w s	E N	O D	SK	(YEARS)	4	5	6 7	8	9 0	1	Fund
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	\$25	М							A
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			Х	\$28	1	X						
178	Fish Passes and Access	Otter Creek Fish Pass	Х			\$130	1	X		-				
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			Х	\$11	1	X						
180	Fish Passes and Access	Sockeye Creek Fish Pass	Х		-	\$60	1	X					T	$\neg$
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1	X						
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	х	X	x	\$727	М	X						
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	Х			\$495	М	X						
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	Х			\$855	М	X						
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	х			\$500	М	X						
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	х			\$253	М	ΪX						
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	Х	X	X	\$152	M	X						
188	Intensify Management	Pink Salmon Escapement Enumeration	Х	Х	Х	\$705	М	X						
189	Intensify Management	PWS Salmon Stock Genetics	x			\$150	М	X						
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	х			\$66	М	1						
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	Х	Х		\$686	М							X
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	Х	Х		\$899	М	X						
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	Х			\$141	М			X	0			
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	Х			\$385	93 - M	$\times$						
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М	X						
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	Х	Х	Х	\$300	М	X						<u>.                                    </u>
					1				1 1		11			Ì
		·												
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		Х	x	\$1,250	М							X
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	Х	Х	X	\$6,000	1							$\boxtimes$
199	Establish Marine Environmental Institute	Seward Sea Life Center	Х	Х	X	\$40,000	1							$\bowtie$
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	Х	Х	$\mathbf{x}$	\$500	М							X
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	x	\$500	М							X

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	CIC	าน	EST.	EST.	П		T	1			g
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SERVICE	SUBOPTION		W S	E N	0 D	SK	(YEARS)	á	5	6 7	8	9	) ĭ	Fund
202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			Х	\$500	1							X
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1							X
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	М							X
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	Х	X	\$100	М							$\bowtie$
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	x			\$58	М						1	M
207	Monitoring	Recreation Field Management and Monitoring	X	Х	Х	\$700	М				<u> </u>			X
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1							
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1	X			_   _			
210	New Backcountry Recreation Facilities	Improve Marine Parks	X	Х	X	\$100	М							$\bowtie$
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1	X						
212	New Backcountry Recreation Facilities	Prince William Sound Campground	Х			\$70	1							×
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	x	x	\$150	М							X
214	New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1							X
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1							X
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1							$\boxtimes$
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	М							X
218	Option Not Identified	Sustainable Tourism in PWS	X			\$240	М							X
219	Option Not Identified	Watchable Wildlife	X	Х	X	\$65	М							$\times$
220	Option Not Identified	Increased Access PWS	Х			\$100	М							X
221	Plan Commercial Recreation Facilities	Recreation Development	Х	Х	Х	\$200	М							$\searrow$
222	Restoration Monitoring													
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	х	Х	Х	\$77	М							$\geq$
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	x				1							$\geq$
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	x	Х	\$310	М							X
226	Visitor Center	Cordova Environmental Education Center	Х			\$15	1	X						
227	Visitor Center	Cordova Mini-Imaginarium	Х			\$63	1							X
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	х	х	\$155	М							$\nabla$
229	Visitor Center	Environmental Education Center in PWS	X	$\Box$		\$90	1	X						
230	Visitor Center	Environmental Learning Resource Center	Х	х	х	\$90	1	X						
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1	1					1	X

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	EGIC	ON	EST.	EST.	1	1	1 1	1	1 2	2 8
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232 Recreation	Visitor Center	Information Center	X	X	Х	\$600	1	X					
233	Visitor Center	Interpretation of PWS	Х			\$10	M -	1_					$\perp X$
234	Visitor Center	Maritime Wing Valdez Museum	X			\$150	1						
235	Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1						
236	Visitor Center	Valdez Visitor Center	Х			\$850	1	1		_			$\perp \times$
237 River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	X					++-
238	Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	М					_	<b>\</b>
239	Restoration Monitoring	Synthesis of mismacen of Essingy and injury to three states in the	+			· · · · · · · · · · · · · · · · · · ·							
240	Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	х	х	\$99	1	$\searrow$					1
241 Rockfish	Intensify Management	Develop a Rockfish Management Plan	Х	X		\$175	М	X					
242	Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	М	$\times$					
243	Monitoring												-
244 Sea Otter	Cooporative Prgm-Subsistence Users	•	+-										
245	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	Х	X	Х	\$83	М	X					
246	Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	Х	Х		\$337	М	X					
247	Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	Х	_	Х	\$450	М	*					
248	Monitoring	Sea Otter Population Dynamics	Х	X	Х	\$291	93 - M	X					
249	Restoration Monitoring							1					

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250 Se	ea Otter	Study: Eliminate Oil from Mussel Beds					311	(4.00-2.00)					1	-	
230 00		Study. Eliminate Oil Horri Mussel Beds			$\vdash$	-					-	+		-	+
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251 So	ockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		+	\$120	М	X			++	+	+	+-
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		х		\$333	М	$\langle \rangle$			+	$\Box$		+
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon	-	-	x	\$275	M	X			+		_	+1
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		х	_	\$500	93 - M	X						+1
255		Intensify Management	Kenai River Sockeye Salmon Restoration		х	+	\$1,000	93 - M	X			++		+	+1
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		x		\$143	М	$\nabla$			++		+	+
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		-	x	\$6	М.	〇	H		11			$\Box$
258	744	Monitoring	Sockeye Salmon Overescapement		х	-	\$641	93 - M	X				i		
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	Х			\$165	93 - M	X						
260		Option Not Identified	Red Lake Salmon Restoration			x	\$72	М	X					$\top$	$\Box$
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261 Sp	oort Fishing	Recovery Monitoring						٠					i		
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		Х		\$4,200	1							X
263		Restoration Monitoring													$\square$
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264 Su	ıbsistence	Access to Traditional Foods													
265		Bivalve Shellfish Hatchery											Ш		ot
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	Х			\$200	М							$\bowtie$
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	Х	х	x	\$300	1							M

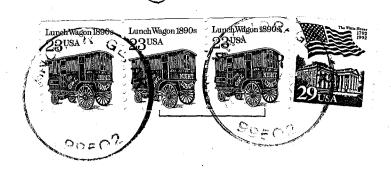
RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC	N	EST.	EST.	1	1	1 1	1	1 2	Ž	8
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268 Subsistence	Option Not Identified	Mariculture Technical Center	X	x	x	\$2,200	1						'	M
269	Option Not Identified	Seward Shellfish Hatchery	Х	x	x	\$1,300	11							$\times$
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	Х	x	x	\$700	M ·						'	
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	Х			\$50	M	X					'	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	Х		$\Box$	\$55	М	X						
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery .		х		\$2,500	1							$\boxtimes$
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	Х			\$1,000	1	X						
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	Х	х	x	\$55	М							$\boxtimes$
276	Restoration Monitoring													
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	Х	X	X	\$589	М	<u> </u>						$\mathbb{K}$
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	Х	x	x	\$300	М	X						
279	Test Subsistence Foods	Subsistence Food Safety Testing	X	х	X	\$308	93 - M	X					'	
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280 Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	Х	х		\$110	М	X						
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	Х			\$715	М	X						
282	Monitoring	PWS Spot Shrimp Survey	Х			\$90	М	X						
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	Х	х	Х	\$275	M							X
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	Х		$\top$	\$265	93 - M							ス
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	Х	Х	Х	\$390	M							X
286	Monitoring	Subtidal Recovery Monitoring	Х	X	X	\$400	М	X						
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	Х	x	х	\$90	M							×
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288 Technical Services	s Administration	Electronic Archiving of Exxon Valdez Records	X	х	х	\$450	М						1	×
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	Х			\$75	М				1		1	浗

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290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	x	\$105	93 - M							K
291		Administration	Toxicological Profile of PWS	X			\$150	М	X			1 1	.	'	
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	Х	Х	Х	\$8	М							$\bowtie$
293		Public Information	Database Integration	Х	Х	х	\$148	М							12
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	Х		М							$\leq$
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	Х	Х	Х	\$120	М					.		X
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	Х	X	X	\$100	М							M
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	Х	Х	X	\$72	М							$\mathbf{X}$
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or gr SERVICE SUBOPTION		P W S	K F	COST/YR	DURATION (YEARS)	9 9 5	9 9 6	9 9 9 9 7 8	9 9 9	0 0 0 0 0 1	Not Fur
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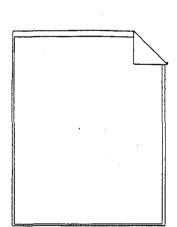
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

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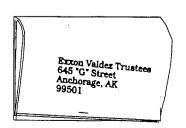
EXXON .SLUEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD

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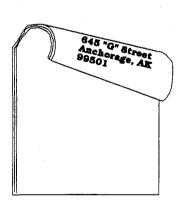
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL



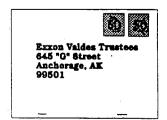
Please Stack Your Comment Sheets On Top Of This Page....



Then Staple or Tape Sheets Together....



Fold This Page Over Your Comment Sheets....



Attach Correct Postage

Name: Concerned Citizen
Phone: (Confidential)

1	RESOURCE or SERVICE	RESTORATION OPTION  OF SUE OPTION	POTENTIAL PROJECTS  10 E	<b>G P 3</b> S	K E N	K O D		eugzgiek Kurzgiek Karzariek	1 9 9	1 9 9 5	1 9 9	1 1 9 9 9 9 7 8	1 9 9	2 2 0 0 0 0 0 1	Do Not Fund
1 4	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M			1			ļļ	/
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X		_	\$300	1							
3		Habitat Protection and Acquisition	Archaeological Site Acquisition		Х		\$200	М				_			1
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	x	X	X	\$525	M						L	1
5		Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	Х	X	X	\$400	M				ŀ			4
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	11							4
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	x	Х	X	\$300	93 - M			_			i	<u> </u>
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	х			\$230	М							1
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M				Ĺ			<u>اسا</u>
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X		-  -	\$400	M							4
-11		Public Information	Public Education and Interpretation of Archaeological Resource	X	Х	X	\$400	M	-				1		~
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	Х	X	\$225	M	~	<b>✓</b>					
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	х	X	X	\$150	М						ll_	
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	М							
15		Site Stewardship Program	Archaeological Site Stewardship Program	x	Х	x	\$114	М							<b>U</b>
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	Х			\$1,200	1					1		
-		What has the or	I spill done to ancient sites. Unless they il see no need to fund these program	~	ار	•						-			
17 E	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	х	х	x	\$262	М	~	-	<u>-                                     </u>	<i>سا</i>	-	4	
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	х	X	x	\$10	M	<b>ا</b>	<b>L</b>	<b>ا</b> ما	- L	سا ،	<b>L</b>	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	М	1	-	<u>_</u>	سا سا		4	
				1.00		.									
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M	5	<u>-</u>	$\perp$	$\perp$			1_1
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M .	-	-		$\perp$	$\bot$		

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22		Restoration Monitoring			İ				し	4				11	Ī	٦
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition		<u> </u>		,100 M	ì	<b>ا</b>	<b>ا</b>	-			_		_
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources		x >		385 M	<u> </u>	<u></u>	<u>ا</u>	<u>ا</u>	١-	4	- 6		_
25		Intensify Management	Fishery Industrial Technology Center	<del>-</del>	x   >	- <del></del>	,500 1		<u>ا</u>	+			<u>ل</u> ل	·   -		_
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage	1-1	X		150 M	l	-	5	<u>ا</u>	-	-	-		
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation	<b></b>	X	<u> </u>	300 M		5	5	<u> </u>	<u> </u>	1	4.1		_
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	<b>x</b>   <b>y</b>		200 M	l	5	レ	<u>ب</u>	<u> </u>	-	1		
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X	$\perp$		,000 1							_	•	
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery		_   _		368 M		1	<b>V</b>	ļ			11	_	
31	ys	Recovery Monitoring	Wild Fish Stock Information Assessment	X	x >	(	50 M	 	٧	4	4	-		-   -		_
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island		-   )	( 1	45 M		5	اسا	<b>ا</b> ما	<b>-</b>	<b>س</b> ا	-		
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X		1 1	80 M		~	5	<u>ا</u>	<u>ب</u>	<u>ا ر</u>	ا ا		
- 34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		x	1	50 M	l	<u>ار</u>	<i>u</i>	4	4	- 4	-		
35		Replace Harvest Opportunities	Red Lake Mitigation			⟨ \$	191 M	<u> </u>	<u>ار</u>	レ	4	-	<b>ا</b> ا	-   レ		
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	1	x >	<u> </u>	280 M	l	<b>٧</b>	<b>5</b>						
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		<b>x</b>   <b>x</b>	+	51 93 -	М	~	٢						
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	<b>x</b> >	( 1	73 M		-	-	$\perp$			1 1		_]
39		Recovery Monitoring	Common Murre Population Monitoring OUT	x	X >	< \$	191 M		<u>ا</u> حا	~	$\perp$					
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X >	( 1	40 M		۳	~ ·	~	V				
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT	$  \top  $		\$	460 M		-	4			T			

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	RESOURCE or	RESTORATION OPTION or	POTENTIAL PROJECTS	RI P	GI K E	ON K o	EST. COST/YR	EST. DURATIO	1 9 9	1 9 9	1 9 9	1 9 9	1 1 9 9 9 9	0	2 0 0 Not 5
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42	Common Murre	Restoration Monitoring		$\perp$	L		3	M	_			_			
							٥								
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X		П	\$200	М	~	1	34	1		.,.4	
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	Х			\$285	М	1	~	7.4			1	
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	М	~	<b>V</b>					
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	М	~	4		£. 1	-	T	
47		Restoration Monitoring						М							
48	General	Administration	Oil Spill Restoration Support Service and Facilities		X	v	\$600	1		\			-	-	
	General	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	^	^	^	\$200	<u>'</u> M	1	L" I		-			
49 50		Option Not Identified	Hazardous Material Collection Facility		Х	V	\$100	i i	1			+		+	
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model		x		\$488	M	1	<b>-</b>			-	+-	
52		Public Information	Public Broadcasting System Program on Oil Spill		X	$\rightarrow$	\$70	M	-	₽Ť		+	+	+	-
53		Public Information	Publish and Distribute Brochures on Injured Species			X	\$90	M	-	<del>  -</del>		+	+	+-	
54		Public Information	PWS Brochures	X	<del> </del> ^		\$65	М	~	╂╼╼╂		+	+	+	
55		Public Information	PWS Implementation of Interpretive Plan	X		$\vdash$	\$150	М	Ť			-	-	+	-
56		Public Information	PWS Large Format Photographic Book	x			\$100	М	1						
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X	_	$\Box$	\$70	М	\u0				1	1	
58		Public Information	PWS Video Programs	x		$\sqcap$	\$100	М	<u>-</u>			1	-		
59		Public Information	Science of the Sound- Education Program	X			\$53	М	~			$\top$	1		
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	RESOURCE OF SERVICE	RESTORATION OPTION.  SUBSTIGN	POTENTIAL PROJECTS		G K E N	K	EST COSTAG SK	EST TO REALISTON	1 9 9,	1 9 9 5	1 1 9 9 9 9 6 . 7	1 9 9 7 8	1 2 9 9 9	2 2 0 0 0 0	Do Not Fund
60	Harbor Seal	Cooperative Program-Fishermen						<u> </u>				_ [ _ '			
61	, , , , , , , , , , , , , , , , , , ,	Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	Х			\$39	М	5	~	ما سا	-			
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	М							4
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X	L		\$165	93 - M	~	اسا	سا سا	-			
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	Х	x	\$230	M	<b>/</b>	/					
				-			· 			-					
												1	1 1	1	
65	Harlequin Duck	Eliminate Oil from Mussel Beds		+										-	
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	Х	X	х	\$700	93 - M	~	-					
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	Х	х	х	\$53	М	~	~					
	· · · · · · · · · · · · · · · · · · ·														
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	Х	х	\$20	М							
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	Х	X	Х	\$70	М							
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	х	\$300	М							
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	Х	X	Х	\$50	М							
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	Х			\$500	М							
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material		Х		\$800	М							
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	Х	Х		М						1	
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae		X	х	\$620	М				!			
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	Х			\$600	M							
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	Х	L.	-	\$500	М						.	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait			х	\$200	М							
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition		Х	1	\$275	М							
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams		Х		\$50	М							
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	М							

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or	or or		P W	K E	<b>к</b> О	MOSIVAI:	DURATION	9	9	9	9 9 7	9 9	0 0	0 0 1	70, 20,
SERVICE	SUBOPTION			N			(YEARS)	_			_	4		Ļ	12
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons		X		\$500	<u>M</u>			- ‡			4-		
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring		X		\$600	M ·		-				_	4.	
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing		X		\$195	M	_				_			
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds		Χ.	X	\$500	93 - M	_	_]_				<u>_</u>	1_1	
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M						_	. ] ]	
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project		X		\$860	M								
88	Option Not Identified	Clam Enhancement	X	X	X	\$120	M				_ ].				
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels		X		\$500	М								
90	Option Not Identified	Restoration of Mussel Beds		X		\$500	M								
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	x	X	X	\$237	M								
		· · · · · · · · · · · · · · · · · · ·													
92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	x			\$120	93 - M								
93	Monitoring	Recovery Monitoring	X			\$125	М							] - ]	
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M								
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear .	X				М								
96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	х	х	X	\$240	93 - M						_		
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X	х	X	\$180	93 - M							1	_
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	Х	х	X	\$250	М								
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	х	x	X	\$509	М	_							
100	Minimize Incidental Take				_								1	11	
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		х	x	\$200	М		$\neg \dagger$		1	_	1	1	

		200	-				_			7			
RESOURCE or SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	P I	X X	COSTAR	ESI DURATION (YEARS)	1 9 9	1 1 9 9 9 9 5 6	1 9 9 7	1 9 9 8	1 2 9 0 9 0 9 0	2 0 0	Do Not Fund
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	x :	x x	\$250	М	T	T				11	
													÷.
103 Multiple Resources	Habitat Protection	Habitat Modelling		x x		M							
104	Habitat Protection	Riparian Habitat Assessment	X :	x x	\$110	М							
105	Habitat Protection	Stream Channel Capability Modeling		x x	<u> </u>	M			_   _				
106	Habitat Protection	Stream Habitat Assessment	X   2	x x	\$361	93 - M				]}			
107	Habitat Protection	Valdez Hazardous Waste Collection	X		\$200	1.							
108	Habitat Protection	Vegetation and Stream Classification and Mapping	X	x x	\$276	93 - M							
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X   2	x x	\$100	M							
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	<b>x</b>   :	x x	\$750	M							
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x x	\$111	1							
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge		X		1							
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge		x		11							
114	Habitat Protection and Acquisition	Valdez Duck Flats	X			1							
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1							
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		Х		1							
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		X	\$250	1							
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	Х		\$3,500	1							
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		X	\$200	1							
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge		Х	\$77,000	1	T					T	
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay	;	X	\$90	1							
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	\$60	1							
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay	,	K	\$400	1	T		1		_		
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham	;	K	\$80	1						T	
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay	.   2	x	\$740	1							
126	Habitat Protection and Acquisition	Habitat Acquisition	x :	κх	\$25,000	93 - 1	T		1				
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		X	\$112,500	1			1			1-1-	

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	OF .	POTENTIAL PROJECTS	n manan	G O	COSTA	EST B DURATION	1 9 9	1 1 9 9 9	1 9 9	1 1 9 9 9	2 0	2 0 Not P
SERVICE	SUBJETTION	All and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco	s	N		(NEAR)				كإث	لنا	ā.
	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island	1.1	'	X \$20,00			_ _	<u> </u>		_	
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island	-		X \$4,000	1	-				_	
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition	1	;	X \$1,000	1		<u> </u>				] '
131	Increase Natural Food Supply											'
132	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations		x 2		M					-	
133	Intensify Management	Genetic Risk Assessment of Injured Salmonids	x	x   ;	X \$408	M						
134 I	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X		\$200	М						
135	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	x		\$40	M						
136	Intensify Management	Seabird Colony Restoration	X	X X	X \$250	М		ĺ				
137	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X		\$250	М	T	į				
138 N	Monitoring	Shoreline Worm Life Monitoring	X	<b>X</b> :	X \$388	М						
139	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X X	X \$416	М		-	1			
140	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	x X	X one billi	on M						
141	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	х		X \$280	М		i				
142	Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	x x	X \$7	М		· i				
143	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	Х	x x	X \$650	1		1				
144	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	x :	X \$48	М					11	
145	Option Not Identified	Shoreline Assessment	X	X X	X \$250	93 - M		i				
146	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study	11	7	X \$28	M		T				
147 F	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X X	X \$500	93 - M		1				
148 F	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X	\$800	М						
149 F	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	<b>x</b> :	X \$2,300	1'						
150 F	Recovery Monitoring	Injured Resource Food Supply	X	x x	X \$850	М		1				
151 F	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X X	X \$500	М	$\top$			-	11	
152 F	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		x	\$600	М					1	_
l	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X	$\top$	\$80	M		<u> </u>			1-1	_
} · · · · · · · · · · · · · · · · · · ·	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	x	x z	X \$150	М		<u> </u>				
J	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	—	x :		M		Ť	T- 1		+-1	
	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids		x :		М		_			-	
I	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X		\$35	М	_				11	

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	or SERVICE	or SUBOPTION		P W S	Е	K O D	COSTYR SK	DURATION (YEARS)	9 9 4	9 9 5	9 9 6	9 9 9 9 7 8	9	0 0	Not rung	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M	1					ĪĪ		1
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M	5	<b>ا</b>	4	~ ·				١
160		Reduce Disturbance by Field Presence														١
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X		\$316	М							~	1
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	М		i				1		1
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	Х	Х	Х	\$500	М	<	<u>-</u>	~ ·	<i>-</i> ا ب	-			
164	**************************************	Restoration Monitoring	Ecosystem Study	Х	Х	X	\$6,000	M							ı	1
	-		Studies do not accomplish restoration. actual effort does,									-				
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	Х			\$205	M	v	V	VI					
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	Х			\$400	M	-	r.	4	4	4		-	1
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	М	~	V	-	u	V			1
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	Х			\$189	М	4	V	4	L	4			
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	Х			\$60	М		- 4	4	4	7			
170		Option Not Identified	Enhancement of Pacific Herring	Х	Х	X	\$120	М	-	V	4	4,	7			1
171		Restoration Monitoring														1
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey		X		\$40	93 - M								
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	М								1
174		Restoration Monitoring														-
175		Temporary Predator Control				_										

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RESOURCE	RESTORATION OPTION.	POTENTIAL PROJECTS	RE	GIO	N	EST.	EST.	1	1	1	1 1	1	2 2	8
or SERVICE	or SUBOPTION	The Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Co	P W S	K. E N	<b>к</b> О D	COSTAYA \$K	ĐURATIO (YEARS	<b>33</b> .	9 9 5	9 6	9 9 9 9 7 8	9 9	0 0 0 0 0 1	Not Fund
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	X	x	\$25	М							
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1							
178	Fish Passes and Access	Otter Creek Fish Pass	х	-T		\$130	1							
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1							
180	Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	1							
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1	T						
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X.	X	\$727	М							
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	х			\$495	М							
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x			\$855	М							11
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			\$500	M				1			
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	Х			\$253	М							
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	\$152	М							
188	Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	\$705	М							
189	Intensify Management	PWS Salmon Stock Genetics	X			\$150	М							
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	х			\$66	М							
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	М							
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	М							
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	М	V	V	V	V 1	1		
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M	<u> </u>	~	4	1 L	·		
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М	1	1	レ	レレ	仁		
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	М .							
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	М							
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	Х	X	x	\$6,000	1	L						
199	Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	\$40,000	1							
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	х	X	X	\$500	М							
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	х	X	x	\$500	М							

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	RESOURCE or SERVICE	RESTORATION OPTION  ACTUAL SUBORTION	POTENTIAL PROJECTS	PW	K E N	K O	£145000000000000000000000000000000000000	EST. 3	1 9 9 5	1 9 9	1 9 9 7	1 9 9	1 2 9 0 9 0	2 0 0 1	Do Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1		[		$\Box$		T	
203	·	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			Х	\$70	1	Γ			,			
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	×		T	\$50	М				, ,			
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	×	X	X	\$100	М				, T			
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	, ×			\$58	M				,			
207		Monitoring	Recreation Field Management and Monitoring	Х	X	Х	\$700	М							
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1							
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х			\$20	1							
210		New Backcountry Recreation Facilities	Improve Marine Parks	×	X	Х	\$100	М				1			
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	×			\$100	1					1		
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1							
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	Х	X	Х	\$150	М						T	
214	:	New Backcountry Recreation Facilities	PWS Kayak Trail	Х			\$100	1							
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	Х			\$250	1							
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		Х	Х	\$140	1					-		
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	Х	:[		\$400	М							
218		Option Not Identified	Sustainable Tourism in PWS	Х			\$240	М							
219		Option Not Identified	Watchable Wildlife	Х	X	X	\$65	М							
220		Option Not Identified	Increased Access PWS	Х			\$100	М							
221		Plan Commercial Recreation Facilities	Recreation Development	Х	X	X	\$200	М							
222		Restoration Monitoring					-							1	
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	Х	X	X	\$77	М							
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1							
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	Х	X	X	\$310	М							
226		Visitor Center	Cordova Environmental Education Center	Х			\$15	1							
227		Visitor Center	Cordova Mini-Imaginarium	Х			\$63	1							
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	Х	х	\$155	М							
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1						T	
230		Visitor Center	Environmental Learning Resource Center	Х	X	X	\$90	1							
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	Х			\$450	1							$\Box$

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	RESOURCE or	RESTORATION OPTION	POTENTIAL PROJECTS	P W	GIC K E			EST.	1 9 9	1 9 9	1 9 9	1 9 9	1 1 9 9 9 9	2 0 0	2 0 0	Do Not Fu
232	SERVICE Recreation	SUBORTION Visitor Center	Information Center		<u>"</u> [	y N	\$600	(YEARS)				+				딉
233		Visitor Center Visitor Center	Interpretation of PWS	X	<del>  ^  </del>	<u> </u>	\$10	М		╁─┤	$\vdash$					
234	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Visitor Center  Visitor Center	Maritime Wing Valdez Museum	×			\$150	1	1~		$\vdash$	-		<del> </del>		
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	-\_\_\			\$150	<del>.</del>	V	-	$r + \frac{1}{2}$					-
236		Visitor Center	Valdez Visitor Center	- X			\$850	<u>'</u>	<u>`</u>	$\vdash$	ΓŤ					
250		Visitor Center	Valuez Visitoi Ceritei				φουσ									
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237	River Otter	Monitoring	River Otter Recovery Monitoring	×	+		\$180	M	_		$\Box$	-		1		
238	THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P	Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	x		_	\$40	М	-	<del> </del>		1				
239		Restoration Monitoring				7										
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	x	\$99	1			i					
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241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	×	х		\$175	М	~	~	~	V .	-			
242		Monitoring	Monitoring Injury to Rockfish in PWS	· X			\$117	М	5	4	5	V	1			
243		Monitoring							T							
			·				į									-
244	Sea Otter	Cooporative Prgm-Subsistence Users			$\vdash$	$\top$			1			+	+	+		7
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	x	х	x	\$83	М	~	v	L	$\dashv$		†		
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	Х	$\rightarrow$		\$337	М	1	V	~	$\top$		+-1		
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	х	Х	x	\$450	М М	L	V	~		1			
248		Monitoring	Sea Otter Population Dynamics	х	X		\$291	93 - M	V	V	V		_			
249		Restoration Monitoring				7	***************************************		1					$\sqcap$		

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250 Sea Otter	Study: Eliminate Oil from Mussel Beds		[ ]				V	U					
251 Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	x		\$120	М	1	<b>L</b> (	<u>ر</u> ا	-  -	4	سا ر	
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		x	\$333	M.	1	5	<b>ا</b> ا	W	<b>ا</b> ما	را ام	-
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		Х	\$275	М	<b>~</b>	5	م ا	ا ما ،	ا ا	_   _	,
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X	\$500	93 - M	~	1	4	سا م	<b>ل</b> ا	سا م	
255	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M	<b>~</b>	4	- L	<u>ا</u>	<b>ا</b> ما	44	- 1
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	М	-	7	ا ا	<u>ا</u> ر	4	4 6	1
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		Х	\$6	M	1	4	L L	- 4	4	4 0	7
258	Monitoring	Sockeye Salmon Overescapement		хх	\$641	93 - M	<b>ا</b> ـــ	_	ا ا	, u	<b>L</b>	w _	,
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M	<b>~</b>	5	ا ا	·   -	4	<b>u</b> .	1
260	Option Not Identified	Red Lake Salmon Restoration		Х	\$72	М	~	<b>L</b>	4		<b>L</b>	40	-
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261 Sport Fishing	Recovery Monitoring		11	- -			1			††			
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	1-1	X	\$4,200	1	ب	٠ ا	- 4	L	4 L		
263	Restoration Monitoring								1				
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			$\parallel$	+				+	+			-	
264 Subsistence	Access to Traditional Foods		++	-			-	+	-	-		-	
265	Bivalve Shellfish Hatchery		11	1				+	_				
266	Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	x		\$200	М	1	_	+	1			
267	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	x	x x	\$300	1		$\neg \vdash$	_	1-1	_		

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

	1994	POTENTIAL	<b>PROJECT</b>	TITLES
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RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	RI P W S	G × e z	ON K O D	EST. COST/VR	EST. DURATION (YEARS)	1 9 9	1 1 9 9 9 9 5 6	1 9 9 7	1 1 9 9 9 9 8 9	2 0 0	Do Not Fund	
290 Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	x	\$105	93 - M	<b>V</b>	-					
291	Administration	Toxicological Profile of PWS	X	$\vdash$		\$150	М	~		†		ļ. —	 	
292	Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	Х	х	\$8	М	V						1
293	Public Information	Database Integration	X	Х	х	\$148	М	1		1				1
294	Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	х	7	М						<u>ب</u>	1
295	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	Х	х	\$120	М						L	1
296 ,	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	Х	х	\$100	M						L	1 \ '
297	Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	Х	X	\$72	M							ー

What will the public do with all all this info?

1994 POTENTIAL PROJECT TITLES	Page 15

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RESOURCE or	RESTORATION OPTION OF	POTENTIAL PROJECTS	P W S	GION K K	EST. COST/YR	EST DURATION (VEARS)	1 1 9 9 9 9	1 9 9	1 9 9	1 9	1 2 9 0 9 0	2 0 0	Do Not 1
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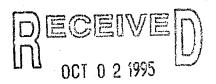
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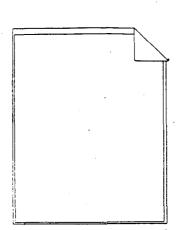
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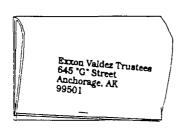
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501



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TRUSTEE COUNCIL
ADMINISTRATIVE RECORD



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Then Staple or Tape Sheets Together....



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1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum		Х	X :	X \$41	M				T			
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design		X		\$300	) 1			-				
3		Habitat Protection and Acquisition	Archaeological Site Acquisition		х	<b>X</b>	X \$200	) M	V				1		
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	•	Х		X \$525	5 M	7	1					i İ
5		Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation		X	x :	X \$400	) М		1					
6		Option Not Identified	Restoration of Chenega Village Site		x	T	\$75	1		V				"	
7	i .	Option Not Identified	Site-specific Archaeological Restoration - Interagency		x	X 3	X \$300	93 - M		, W			1		1
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS		x		\$230	) M				1			.
9		Public Information	Heritage Information Replacement		x	X :	X \$200	) M				- 1			. "
10		Public Information	PWS Landmarks-Evaluation and Interpretation		x		\$400	) M					1		.
IJ.	n na h	Public Information	Public Education and Interpretation of Archaeological Resource		X	X :	X \$400	) M	-						
2		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites		x	X 3	X \$225	5 M							1
3		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency		x	X X	X \$150	M		M	t I				
4		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency		X	X Z	X \$210	) M							-
5		Site Stewardship Program	Archaeological Site Stewardship Program		X	X 3	X \$114	М	1				Ī		
6		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design		X		\$1,20	0 1							1
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									_].				İ.		.
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats		X	x :		? M	X						
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog		X	x :	X \$10	M		$\perp \chi$					
9		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles		Х	x 2	X \$200	) M	M	$\mathbb{M}$					
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	e <del>Lindan</del> a janta keele ahaa						<u> </u>								
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities		X	<b>x</b> 2	X \$108	93 - M	1						
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS		X		\$125	5 M	11						

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

32.5	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	EGI	ON	ST.	EST	1	T.	1	1 1	,	2	2
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ं	SERVICE	SUBOPTION	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	s	И	D	\$K**	(YEAR			Ľ	<u></u>	, ,	°	į
42	Common Murre	Restoration Monitoring				.		М		.					
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43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X		\$	200	М					-		
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			285	М			1		1	1 1	
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x	1		35	М							
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$	950	М				-	-		
47		Restoration Monitoring						М	-   -					1	
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48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X \$	600	1							
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X		\$	200	М					'''		
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X \$	100	1							
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X		488	М							
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	x s	570	М	X						
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X S	90	М	٧						
54		Public Information	PWS Brochures	X			65	М							
55		Public Information	PWS Implementation of Interpretive Plan	X		\$	150	М							
56		Public Information	PWS Large Format Photographic Book	X		\$	100	M							
57		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X			70	М	.	.   . '	Ì				
58		Public Information	PWS Video Programs	X		\$	100	M							
59		Public Information	Science of the Sound- Education Program	X			53	М	4						
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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC K	MC V	EST. JOST/YA	EST 1	1 9	1 9	1 1 9	1 9	1 9	2	2
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60	Harbor Seal	Cooperative Program-Fishermen			.	T						Ī	ĪĪ		T
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	М							
62	and the second second	Option Not Identified	Subsistence Harvest Assistance	X			\$23	М	$\chi$						
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	x			\$165	93 - M							
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	М							
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65	Harlequin Duck	Eliminate Oil from Mussel Beds							. ,						-
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M		X		}		1	
7		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	М		!			1		
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68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M						.  .	
69	1	Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X		X	\$70	M						.  .	
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M							
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M		_			} }		
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	М							
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X		X	\$800	M				ļ			
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X		X		М							
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	М						1	-  -
 76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	М							
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	М							
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X.	\$200	M							j
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	$ \mathbf{x} $	X	X	\$275	М							
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	x	X	X	\$50	М							T
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	x	X	X	\$186	М							

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	SERVICE	SUBOPTION		5	N	D	\$K	(YEARS	4	5	6	7 8	ľ	0 1	á
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	$ \mathbf{x} $	x	\$500	М					1		
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	x	x	\$600	М							
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	х	X	\$195	М							
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	х	X	\$500	93 - M							
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M				Ì			
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	x	X	\$860	М							
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	М							
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	х	Х	\$500	М			] [				
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	М				1			
91	j	Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	М	}		1				
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92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M				- {			
93		Monitoring	Recovery Monitoring	X			\$125	М	1						1
94	İ	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	М	15	1					
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				М	7			j		"	
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96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	х	X	\$240	93 - M	Ä					1	1
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	х	X	\$180	93 - M	γ.	V		1			
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	Х	X	\$250	М	-	$ \mathcal{J} $		1			
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	М							1
100		Minimize Incidental Take					on the contract of								
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks	1	х	X	\$200	M		1					

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N EST.	EST	1	1	1 1	1	1	2 2	ß
or SERVICE	SUBOPTION		P # 5	K F	COST/YR		9 9 4	9 9	9 9 9 9 6 7	9 9 8	9	0 0 0 1	Not Fund
102 Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	х	x >		М	Ī	T	Ī	Ī		Ī	Ī
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103 Multiple Resources	Habitat Protection	Habitat Modelling	x	X >	<b>\$150</b>	М							
104	Habitat Protection	Riparian Habitat Assessment	x	x >		М							
105	Habitat Protection	Stream Channel Capability Modeling	×	X >	<b>\$110</b>	М							
106	Habitat Protection	Stream Habitat Assessment	X	<b>x</b> >	X \$361	93 - M							
107	Habitat Protection	Valdez Hazardous Waste Collection	X		\$200	1							
108	Habitat Protection	Vegetation and Stream Classification and Mapping	X	X >	\$276	93 - M							
109	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	x	X )	K \$100	М			ļ				
110	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	<b>x</b> )	X \$750	М							
111	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x >	<b>(</b> \$111	1					-		
112	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge		)	<b>(</b>	1	.						
113	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge		)	<b>(</b>	1							
114	Habitat Protection and Acquisition	Valdez Duck Flats	X			1		.					
115	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1 .							
116	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		)	<	1							
117	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition		)	<b>\$250</b>	1							1.
118	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	x		\$3,500	1		) .					
119	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park		)	<b>\$200</b>	1		. }				j	
120	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge		)	K \$77,000	1						.	
121	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	\$90	1							
122	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		x	\$60	1							
123	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X	\$400	1						}	
124	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X	\$80	1	[. [.	.					
125	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X	\$740	1					_		
126	Habitat Protection and Acquisition	Habitat Acquisition	X	X >	\$25,000	93 - 1							1
127	Habitat Protection and Acquisition	Habitat Acquisition, Afognak		)	\$112,500	1		Ţ		{	. [		1

35.3	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	Gl	ON	EST.	EST.	1		1	1	1 2	T 2	8
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	SERVICE	SUBOPTION		s	N	D	\$K+#	(YEARS)	Ţ,	Ľ	Ľ		<u>L</u>	<u>                                     </u>	Ę.
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			×	\$20,000	. 1					1		1
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	1	1.						
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	\$1,000	1		į.					1
131		Increase Natural Food Supply								į					l
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	\$50	M							
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	Х	X	\$408	M	-						}
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	M							
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			\$40	M		:					1
136		Intensify Management	Seabird Colony Restoration	X	Х	x	\$250	M							-
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	М		i					- 1
138		Monitoring	Shoreline Worm Life Monitoring	X	х	x	\$388	M		·					
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	Х	Х	\$416	M							
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	х	x	one billion	М							
141		Option Not Iclentified	Field Study of Bioremediation Enhancement Treatment Methods	X	х	x	\$280	M		, i					١
142		Option Not Icentified	Oil Spill Injured Resources Literature Research and Review	X	Х	x	\$7	М		i	İ				- 1
143		Option Not Icentified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	Х	х	\$650	1		•			ľ		
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	Х	Х	\$48	M		:		İ		1 1	.
145		Option Not Identified	Shoreline Assessment	X	X	x	\$250	93 - M					.		
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			х	\$28	М						1 1	- 1
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	Х	х	\$500	93 - M							
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		Х		\$800	М		-			-		
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	Х	X	\$2,300	1	T						
150		Recovery Monitoring	Injured Resource Food Supply	X	Χ	х	\$850	M					Ī.,	1 1	
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	Х	Х	\$500	M					1.	1	-
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		Х		\$600	М	İ						1
153		Recovery Moritoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X		[ [	\$80	М							
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	Х	Х	\$150	М		İ					Ì
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	Х	X	X	\$100	М			1				- 1
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	Х	x	\$200	М	1						
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			\$35	M					1		

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	EST.	EST.	1	1 1		1 2	2 8
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158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	x		\$91	М		1		T	
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	$ \mathbf{x} $	$x \mid x$	\$275	93 - M					
160	Reduce Disturbance by Field Presence										
161	Reduce Disturbance Through Public Info	Public Information and Education	x	$\mathbf{x}   \mathbf{x}$	\$316	M					
162	the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract o	Publish and Distribute Brochures on Injured Species	x	$\mathbf{x}   \mathbf{x}$	\$50	м	1 1	Ì			
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	x x	\$500	М		· }			
· •	Restoration Monitoring	Ecosystem Study	x	$\mathbf{x}   \mathbf{x}$	\$6,000	м		-	1 1		
										1	
165 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X		\$205	м	1			1	
	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$400	M		1			
	Intensify Management	PWS Herring Tagging Feasibility Study	x		\$112	М		}			
1 .	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$189	M -			1 1		
	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X	-	\$60	M					1
1	Option Not Identified	Enhancement of Pacific Herring	$ \hat{\mathbf{x}} $	x x		м					
	Restoration Monitoring	Enrancement of Facility Fielding	+^+		`. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1. 1	. }	} - }		
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470 Piggon Guillomot		Discontinuity College Control				00. 14	} }	- 1			
the former of the second section of the second	Monitoring	Pigeon Guillemot Colony Survey	X	S X	( \$40	93 - M	1	+ -			
	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	Х	\$180	M		-	<b>.</b>		
	Restoration Monitoring		1. [						ļ ļ.		.
175	Temporary Predator Control		-	.							
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	or SERVICE	or √ Angles. SUBOPTION		P W S	K E	К О D	COST/YR \$K	DURAT (YEAR			9 9 9 9 5 6	9 9 7	9 9 8	9 9 9	0 0	Not Fund
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	x	\$25	М		1		Ī	ĪĪ			
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration	İ	İ	x	\$28	1		1			1	1		
178		Fish Passes and Access	Otter Creek Fish Pass	X			\$130	1						1		
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration	1		x	\$11	1						I		
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	1								
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			x	\$55	1								
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	×	X	$ \mathbf{x} $	\$727	М		1.						
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	М								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X	-		\$855	М						ļ		1
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	М		!					1	İ
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x			\$253	М		j						Ī
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	x	\$152	М						İ		
188		Intensify Maragement	Pink Salmon Escapement Enumeration	x	X	$ \mathbf{x} $	\$705	М						1		
189		Intensify Mar agement	PWS Salmon Stock Genetics	X			\$150	М			İ			1		
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x			\$66	М			ľ					
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X		\$686	М	`		ľ			-		
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	7 x	X	Ī	\$899	М				İ		İ		
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	x	'		\$141	М				İ	[	1		1
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - 1	1							Ì
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М		1						
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	x	\$300	М								İ
								·				-   -				
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodlak	1	X	x	\$1,250	М								
198		Establish Marine Environmental Institute	the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract o	x	X	x	\$6,000	1		.	X					
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	x	\$40,000	1						İ		
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	1	\$500	М	-					İ	ĺ	~
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	x	\$500	M		A	ľ			-		-

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202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1			XI	Ī	Ī		
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			x	\$70	1			У		ĺĺ		
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project		X		\$50	М		X					
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	· [	x x	( x	\$100	М							
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS		x		\$58	M	1			l			
207	Monitoring	Recreation Field Management and Monitoring		хх	( x	\$700	М							
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails		X		\$150	1	X						
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement		X		\$20	1	/						
210	New Backcountry Recreation Facilities	Improve Marine Parks		ΧX	( X	\$100	М	1						
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area		X		\$100	1	1/						
212	New Backcountry Recreation Facilities	Prince William Sound Campground		Χ		\$70	1							
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks		x x	( X	\$150	М	1						
214	New Backcountry Recreation Facilities	PWS Kayak Trail		X		\$100	1	X						
215	New Backcountry Recreation Facilities	PWS Recreation Facilities		x		\$250	1							
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		<b>)</b>	( X	\$140	1							
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan		X		\$400	М			1			]	
218	Option Not Identified	Sustainable Tourism in PWS		X		\$240	М	١.	1	}				
219	Option Not Identified	Watchable Wildlife		хX	ίX	\$65	M	V						
220	Option Not Identified	Increased Access PWS		X		\$100	М							
221	Plan Commercial Recreation Facilities	Recreation Development		x x	X	\$200	М							
222	Restoration Monitoring													T
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum		XX	X	\$77	M							
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education		X			1							
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum		x x	X	\$310	М							
226	Visitor Center	Cordova Environmental Education Center		Χ		\$15	1							
227	Visitor Center	Cordova Mini-Imaginarium		x		\$63	1							
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts		х×	ίX	\$155	М							
229	Visitor Center	Environmental Education Center in PWS		X		\$90	1							
230	Visitor Center	Environmental Learning Resource Center		ХX	X	\$90	1	X						
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova		X		\$450	1	7			1		Ī	1

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330	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC	Ж	EST.	EST.	1	1 1	1	1	1 :	2 2	Ŋ
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232	Recreation	Visitor Center	Information Center	x	x	X	\$600	1	3	M[]			ĺ		
233		Visitor Center	Interpretation of PWS	X			\$10	М				}.			
234		Visitor Center	Maritime Wing Valdez Museum	x			\$150	1							
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1							
236		Visitor Center	Valdez Visitor Center	×			\$850	1						.	K
							. •		-						
227	River Otter	Monitoring	River Otter Recovery Monitoring				\$180	M		-					
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	I.			\$160 \$40	M	1		+ -				
239		Restoration Monitoring	Synthesis of information on ecology and injury to raiver Otters in PWS	^			<b>J40</b>	IV.						.	.
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks		x		\$99	4							
[0		Sportrap Plarvest Guidelines	Develop Harvest Guidelines to Ald Restoration of Injured Terrestrial Manimals and Seaducks	1^	^	^	999			-					
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241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	×	x		\$175	M	1				ł		
242		Monitoring	Monitoring Injury to Rockfish in PWS	X	7		\$117	M	1 1					-	
243	<u>-</u> *	Monitoring				ł								1	
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	Sea Otter	Connective Fram Subsistence Hear													
1		Cooporative Frgm-Subsistence Users	Habitat I Williaglian by Con Ottors and Designation of Bratastad Assas	-		-	£02				.		.		-
245 246	**************************************	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X		X	\$83	M M				-			
247		Monitoring Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	- 1		\$337 \$450	- M M			-		.	1	
248			Radio-Telemetry Project to Monitor Recovery of Sea Otters	<u>^</u>	X	<u>^</u>			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-	-				
249		Monitoring  Restoration Monitoring	Sea Otter Population Dynamics	-^-		<b>^</b>  -	\$291	93 - M	X		+			-  -	
249	<u> </u>	Restoration Monitoring			L.J.			L	$\perp \perp$				_1_	$\bot$	

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	EGIO	N EST.	EST.	, [	, ,	Ι, Ι	,	T,T	, 8
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SERVICE	SUBOPTION		w s	N C		(YEARS)	4	5 6	7	8 9	o	Fund
250 Sea Otter	Study: Eliminate Oil from Mussel Beds									Ī		T
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251 Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X		\$120	M						
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X	\$333	М			.			
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		'	K \$275	M		1			1.1	
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye	1	X	\$500	93 - M		-		1 .		
255	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M						
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement	-	X	\$143	M						
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		)	K \$6	M				.		
258	Monitoring	Sockeye Salmon Overescapement		X   2	K \$641	93 - M						
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M				İ	1 1	
260	Option Not Identified	Red Lake Salmon Restoration			\$72	M	.					
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261 Sport Fishing	Recovery Monitoring			-  -						-	.   .	_
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	ļ	X	\$4,200		}		1		1	-17
263	Restoration Monitoring		.   .								.	
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264 Subsistence	Annual to Tradition of Francis			<b> </b> -  -					1 - 1	-	1	
· · · · · · · · · · · · · · · · · · ·	Access to Traditional Foods			<del> </del>				- 4			1 1	.
265	Bivalve Shellfish Hatchery  Option Not Identified	Observe Brook state and Brook state Decision (Decision Off)		-	\$200					-	.   .	
266	and the state of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of	Chenega Bay Subsistence Restoration Project (Remove Oil)		J.,	\$200	M	ļ.				1	
267	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	_ X	X	K \$300	1 1		l				L_

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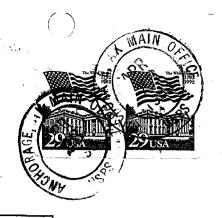
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268 Subsisten	ice	Option Not Identified	Mariculture Technical Center	X	x	x	\$2,200	. 1							
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1						l	
270	•	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	Х	X	\$700	М							
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	М				ÌÌ	i		
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	х		-	\$55	М							
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1	1	1					
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	x			\$1,000	1	Z			1 1			
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	x	X	x	\$55	М					1	1	
276		Restoration Monitoring													
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	x	x	x	\$589	М	V				Ī		
278	İ	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	х	X	\$300	М	M						
279		Test Subsistence Foods	Subsistence Food Safety Testing	Х	х	X	\$308	93 - M	1				-		
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280 Subtidal	į.	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M	.   .						
281	1	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X		.	\$715	М	1.						
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M				1	.		
283	Ī	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M					.   ,	_	
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	_   _	1					
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X		X	\$390	M				1. [	ļ.		
286		Monitoring	Subtidal Recovery Monitoring	Х	X	X	\$400	М		_					ļ <b> </b>
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M				+ 1			ļ. "
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288 Technical	Services	Administration	Electronic Archiving of Exxon Valdez Records		ÿ	x	\$450	M							
289	}	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	🗘	^	?	\$75	M	-					ł	
503		, torring and	Geographic information System Mapping of Natural nesources in Western PWS				<b>a</b> /5	IVI				$\perp \perp \downarrow$	L		Ш.

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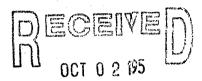
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290 Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	x	x x	\$105	93 - M				1	
291	Administration	Toxicological Profile of PWS	X		\$150	М					
292	Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	x x	\$8	М					
293	Public Information	Database Integration	x	$\mathbf{x} \mathbf{x}$	\$148	М					
294	Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	x x		М					
295	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	Х	XX	\$120	М					
296	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	$\mathbf{x} \mathbf{x}$	\$100	М				1	
297	Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	x	$\mathbf{x} \mathbf{x}$	\$72	М					
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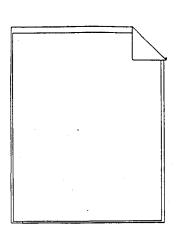


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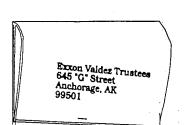


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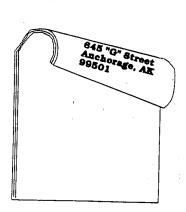
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1994	POTENTIAL	PROJECT.	TITI FS

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	RESOURCE of SERVICE	RESTORATION OPTION  SUBOPTION	POTENTIAL PROJECTS	P w s	GIC K E N	mmm 8	est. Cobyyn Sk	EST BURATIO (VEARS)	1 9 9	1 9 9	1 9 9	1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 1 9 9 9 9	2 0 0 0	2 0 0	Do Not Fund
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M						_		X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1	<u> </u>				$\perp$			X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition		X	X	\$200	М	X	X	X	X	X	XX	10	_
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	М	_							
5		Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	X	X	X	\$400	М								
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1								
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	Х	x	\$300	93 - M							. !	
8	:	Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M								
9		Public Information	Heritage Information Replacement	X	X	x	\$200	M⊦								
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M								
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	x	\$400	М.								
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	х	x	\$225	М								
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	х	x	\$150	M	X	X						
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	М								
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	x	\$114	M								
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1								X
													-			
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	$\rightarrow$	_	\$262	М	X	X	X	(X)	$\mathbf{X}$			
18	·····	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X			\$10	М	X	X			-		_	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	М	$\downarrow \chi$	X	X	X	_	_		_
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20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	Х	X	X	\$108	93 - M					1			_
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X		$\neg$	\$125	М								

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22	Black Oystercatcher	Restoration Monitoring		$\vdash$	$\perp$	<u> </u>			<del> </del> _			-			
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				$\dashv$	_ _	4			<u> </u>			-  -	_ _	ļ	
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	x	x >	x s	1,100	М	ļ.				+		_
24		Intensify Management			x ;	<del></del>	\$385		-				+-	+	
25		Intensify Management	Fishery Industrial Technology Center	<del></del>		-+	3,500	1	1-			-	+	+-	
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage	1	X		\$150	M	<del> </del> -			+	+-		
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation	$\Box$	х		\$300	М				-†-	_		
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	х	x x	x	\$200	M	<del> </del>			+		†	
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	Х	1	1	5,000	• 1			i-				X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	x	T	1	\$868	M		1	-	-	<b>-</b>	1	
31		Recovery Monitoring	Wild Fish Stock Information Assessment		x x	x	\$50	М			i -				
32		Replace Harvest Opportunities	Mitigation Fishery at Kitol Bay Hatchery on Afognak Island		7	x	\$45	М							7
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	x	1		\$80	М			†				
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	М							X
35		Replace Harvest Opportunities	Red Lake Mitigation		,	x	\$191	М							
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36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	x	x x	x	\$280	М	+	+		+	+		-
37		Feasibility Study: Social Stimuli		x	x x	x	\$51	93 - M	1				-		
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	x >	X	\$73	М					1		
39		Recovery Monitoring	Common Murre Population Monitoring OUT	X	x x	X .	\$191	M					T		
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	x	x x	X	\$40	М	K	S	9	9	X X		<b>,</b> ,
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT		_		\$460	М	X	X	XX	(十)	$\langle \perp \rangle$	XX	

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RESOURCE or SERVICE		POTENTIAL PROJECTS	P K W E N	www.	EST COSTAR SK	EST. DURATIO (YEARS)	1 9 9	1 1 9 9 9 9 5 6	1 9 9 7	1 1 9 9 9 9 8 9	2 0 0	Do Not Fund
42 Common Murre	Restoration Monitoring					М						
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43 Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	x		\$200	М	1-1		1			
44	Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	x		\$285	М			1			X
45	Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x	$\dagger \dagger$	\$35	М	M	X	1	<del>                                     </del>		77
46	Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X		\$950	М	1				11	X
47	Restoration Monitoring			$\Box$		М			7		71	
											-	
48 General	Administration	Oil Spill Restoration Support Service and Facilities	хх	X	\$600	1		.				M
49	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X		\$200	М						
50	Option Not Identified	Hazardous Material Collection Facility	ХX	X	\$100	i						X
51	Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X X	X	\$488	М						X
52	Public Information	Public Broadcasting System Program on Oil Spill	X X	Х	\$70	М						X
53	Public Information / \	Publish and Distribute Brochures on Injured Species	X X	X	\$90	М		$\Lambda I$			7	
54	Public Information	PWS Brochures	X		\$65	М						X
55	Public Information	PWS Implementation of Interpretive Plan	X.		\$150	M						
56	Public Information	PWS Large Format Photographic Book	X		\$100	М	ľ			<u>                                     </u>		$ \times$
57	Public Information	PWS Scenic Byway Nomination and Interpretive Plan	x		\$70	M						X
58	Public Information	PWS Video Programs	X		\$100	М						4
59	Public Information	Science of the Sound- Education Program	x		\$53	М						N.

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**	RESOURCE OF. SERVICE	RESTORATION OPTION SUBSTITION	POTENTIAL PROJECTS	RE P w s			EST COST/YR SK	EST DURATIO (YEARS)	1 9 9	1 9 9	1 9 9	1 1 9 9 9 9	1 9 9	2 0 0 0	2 0 0	Do Not Fund
60	Harbor Seal	Cooperative Program-Fishermen					·		_[_							
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	М								
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	М								
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	$\mathbf{I}^{-}$							
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	М								
	Harlequin Duck	Ellering As Oil force Museul Dade								-				ļ		
65 66	nanequin buck	Eliminate Oil from Mussel Beds	Had a Dat Bassan Markada Dandak Madelli and Hakkada Dandak a		X	-	¢700	93 - M	-	X				-		
67		Monitoring Option Not Identified	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis  Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	+	<u>x</u>		\$700 \$53	93 - M M	V	Y	-					
																,
	Intertidal	Applicate Description of Intertible	Descrit Cond on Classed Banks As Descrit Cond Banks As Facilities Charles		x	V	#00		-	-						
	Intertiual	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study		X		\$20	M	+-	$\vdash$			+-		<del>  </del> -	
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	++	<u>x</u>		\$70		-		_		+-			
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	4	<u>^</u>		\$300	M M		X	X					
71 72		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	_	^	\$50 \$500	M M	-	-			+-		<del> </del>	
73		Accelerate Recovery of Intertidal  Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS  Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material		X	v	\$800	M		+					<del> </del>	
74		Accelerate Recovery of Intertidal		+-+	<u>^</u>		φουυ	M	X	-	- }-				⊢··ŀ	
75			Restore Shorelines Injured by Beach Berm Relocation		<u>^</u>		\$620	M	X	$\langle \lambda \rangle$	X.			-		
76		Monitoring  Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae  Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS		4	4	\$600	M M	+	+-			+-	<del>  </del>		[
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	<del></del> -	x	<u>,  </u>	\$500	M	-	+	-+		-			-
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		<u>^</u>		\$200	M	+-	$\vdash$		- +	+			
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	11	<u>^</u>		\$275	M		<del>  </del>						
80	<u> </u>	Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	++	<u>^</u>		\$50	M		<del>  </del>				-	-+	
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	$\vdash$	x		\$186	M	+	$\vdash$			+		r·	
VΙ	L	INICITIONIS	Information to the continuent of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of the continuents of	L^1	^	^	ΨΙΟΟ		_1	11	- 1	- 1	- 1	11	ىلى	- 1

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or SERVICE	OF SUBOPTION		₽ ₩ S	K K E O D		DURATION (YEARS)	9	9 9	9	9 9 9 9 7 8	9	0 0	or Fund
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	x	x x	1	М	Ī	Ī	1	Ī	1		Ī
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	хх	\$600	М		1					
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	Х	x x	\$195	М							
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	x	хх	\$500	93 - M					1		
86	Monitoring	Herring Bay Experimental and Monitoring Studies	x		\$495	93 - M .							
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	ΧX	\$860	M							
88	Option Not Identified	Clam Enhancement	X	ΧX	\$120	М							
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	х	x x	\$500	М							
90	Option Not Identified	Restoration of Mussel Beds	х	ХХ	\$500	М							
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	x	ХХ	\$237	M							
92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X		\$120	93 - M							
93	Monitoring	Recovery Monitoring	X		\$125	M	.						
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X		\$180	M			]_				
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	X			M	X	$\times$	X				
								_[′					
96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	x x	\$240	93 - M	<b>Y</b> 1	X	X				
97	Habitat Protection	Survey to Identify Upland Use by Murrelets		x x		93 - M	X.	Z '	X				
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	x x	\$250	М	X	X					
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	хх	\$509	М	X	V					
100	Minimize Incidental Take												
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		x x	\$200	М			_				1

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	RESOURCE or	RESTORATION OPTION	POTENTIAL PROJECTS		K E	anne.	EST. COSTA'B		1 9 9	1 9 9	1 9 9	1 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 1 9 9 9 9	2 0 0	2 0 0
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102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M							V
Ì															
									-						<b> </b>
}		· ·						I							
103	Multiple Resources	Habitat Protection	Habitat Modelling	x	X	х	\$150	М				-		1	
104		Habitat Protection	Riparian Habitat Assessment	х	Х	х	\$110	М	X						
105		Habitat Protection	Stream Channel Capability Modeling	Х	Х	Х	\$110	М							
106		Habitat Protection_	Stream Habitat Assessment	Х	Х	Х	\$361	93 - M	X						
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	.11							
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M	X						
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	М	X						
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	М	X						
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	11	X	X		-	+	+-1	$\Rightarrow$
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	Ź	X					5
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1	(X	X	_	_			ightharpoons
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1	$\Diamond$	×				15	$\Rightarrow$
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1		X					[/
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve		L	X		1	X	V			+		$\geq$
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1	K	X					
118	, -	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1	X	X					1
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1	X						->
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			Х	\$77,000	1	×	X					$\Box$
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	11	V	X			1	1	
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	11	X			-	+		
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1	$\propto$	X		_			
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		Х		\$80	11	M	X				4	
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay	·	X		\$740	1	W,	X			Ľ	$\Box$	$\geq$
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	W	X					<u> </u>
127	,	Habitat Protection and Acquisition	Habitat Acquisition, Afognak	.		$ \mathbf{x} $	\$112,500	1	X	X				1	

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RESOURCE or SERVICE	RESTORATION OPTION OF SUBOPTION	POTENTIAL PROJECTS	RE P	GION K K E O	COSTAN	EST DURATION (YEARS)	1 9 9	1 1 9 9 9 9 5 6	1 1 9 9 9 9 7 8	1 9 9	2 2 0 0 0 0 0 1	Do Not Pun
128 Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		X	\$20,000	1	1	<b></b> _				
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island	+	X	\$4,000	1	4	<u> </u>		1	2 \	3
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		X	\$1,000	1		4				\$
131	Increase Natural Food Supply							i				$\checkmark$
132	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	Х	хх	\$50	М						)
133	Intensify Management	Genetic Risk Assessment of Injured Salmonids	Х	хх	\$408	М		:				
134	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	Х		\$200	М			1 1			
135	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	Х		\$40	М		i				
136	Intensify Management	Seabird Colony Restoration	Х	ХX	\$250	М		1				
137	Intensify-Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	Х		\$250	М		į				
138	Monitoring	Shoreline Worm Life Monitoring	X	хх	\$388	М			}	T		
139	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	хх	\$416	М				T		
140	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	хх	one billion	М						
141	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	Х	хх	\$280	М		i				
142	Option Not Identified	Oil Spill Injured Resources Literature Research and Review	Х	хх	\$7	М		į .				
143	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	хх	\$650	1		1				
144	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	хх	\$48	М						
145	Option Not Identified	Shoreline Assessment	X	хх	\$250	93 - M		j				
146	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		X	\$28	М						
147	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	хх	\$500	93 - M						
148	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X	\$800	М			L L			
149	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	хх	\$2,300	1`						]
150	Recovery Monitoring	Injured Resource Food Supply	Х	хх	\$850	М						
151	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	ХX	\$500	М						
152	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		Х	\$600	М						
153	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X		\$80	М						
154	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	хх	\$150	М						
155	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	Х	хх	\$100	М						
156	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	хх	\$200	М						
157	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	Х		\$35	М						

1774 I OILMINE MOJECT THE	1994	POTENTIAL	<b>PROJECT</b>	TITLE
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RESOURCE **RESTORATION OPTION POTENTIAL PROJECTS** REGION EST COSTAYR DURATIC SUBOPTION SERVICE 158 Multiple Resources Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl Recovery Monitoring \$91 159 Recovery Monitoring Surveys to Monitor Marine Bird and Sea-Otter Populations  $\mathbf{x} \mathbf{x} \mathbf{x}$ \$275 93 - M 160 Reduce Disturbance by Field Presence 161 Reduce Disturbance Through Public Info Public Information and Education \$316 M \$50 162 Reduce Disturbance Through Public Info Publish and Distribute Brochures on Injured Species М 163 Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species \$500 М Restoration Monitoring x | x | x164 \$6,000 М Restoration Monitoring Ecosystem Study 165 Pacific Herring Intensify Management Genetic Stock Identification for Herring in PWS \$205 М Herring Spawn Deposition, Egg Loss, and Reproductive Impairment \$400 Intensify Management \$112 167 Intensify Management PWS Herring Tagging Feasibility Study М Herring Embryo Viability Evaluation - Natural and Catastrophic Effects \$189 168 Monitoring M 169 Monitoring Larval Herring Age and Growth in PWS Using Otoliths \$60 M Option Not Identified 170 Enhancement of Pacific Herring  $\mathbf{x} \mathbf{x} \mathbf{x}$ \$120 М 171 **Restoration Monitoring** 172 Pigeon Guillemot Monitoring Pigeon Guillemot Colony Survey  $\mathbf{x} | \mathbf{x} | \mathbf{x}$ 93 - M \$40 XXX 173 Monitoring . Pigeon Guillemot Recovery Enhancement and Monitoring \$180 М 174 Restoration Monitoring 175 **Temporary Predator Control** 

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RESOURCE or SERVICE	RESTORATION OPTION.  or  SUBOPTION	POTENTIAL PROJECTS	P W	K K E C	- W		EST. DURATION (YEARS)	1 9 9	1 9 9	1 1 9 9 9 9 6 7	1 9 9	1 2 9 0 9 0 9 0	2 0 0 1
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	x )	<u>κ</u>	\$25	М		<b></b>	<u> </u>			
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration	1-1	)	<b>K</b>	\$28	1						V
178	Fish Passes and Access	Otter Creek Fish Pass	x		1-	\$130	1						X
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration		7	<b>(</b>	\$11	1			-1	1 - 1	1	
180	Fish Passes and Access	Sockeye Creek Fish Pass	Х			\$60	1			-  -			*
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement	1 1	)	<	\$55	1						1
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	x >	<b>(</b>	\$727	М						
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			\$495	М	-					
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			\$855	М						
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	х			\$500	М						
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	Х	_		\$253	М						
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X >	K	\$152	М						
188	Intensify Management	Pink Salmon Escapement Enumeration	Х	X >	K	\$705	М						
189	Intensify Management	PWS Salmon Stock Genetics	X			\$150	М						
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	М						
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	M	1					
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	М			-			
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	М					1	
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M						
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X		T	\$50	M				FT		
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	x x	x	\$300	М				T		
							-						
						-							
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak	ŀ	x x	<b>x</b> :	\$1,250	M						X
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	x x	K :	\$6,000	1						×
199	Establish Marine Environmental Institute	Seward Sea Life Center	X	x x	K \$	40,000	1						7
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X X	x	\$500	М	M	N				>=
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	x x	κ	\$500	M	X	X	4			

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RESOURCE or SERVICE	RESTORATION OPTION  SUBOPHION	POTENTIAL PROJECTS	P W	E N	<b>к</b> О		EST. DURATION (YEARS)	1 1 9 9 9 9	1 9 9 6	1 9 9 7	1 9 9 8	1 2 9 0 9 0 9 0	2 0 0 1	Do Not Fund
202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			x	\$500	1							
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1		,					
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	Х		Ll	\$50	М							
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	Х	X	\$100	М							
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	Х			\$58	М				L.			
207	Monitoring	Recreation Field Management and Monitoring	Х	Х	Х	\$700	М							
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	Х			\$150	1							
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х	_		\$20	1							
210	New Backcountry Recreation Facilities	Improve Marine Parks	Х	X	X	\$100	М							
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	Х			\$100	1							
212	New Backcountry Recreation Facilities	Prince William Sound Campground	Х	L		\$70	1		_					
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	Х	X	X	\$150	M							
214	New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1							
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	Х			\$250	1		. ]				}	
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		Х	x	\$140	1							
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	Х			\$400	M	_   _						
218	Option Not Identified	Sustainable Tourism in PWS	Х	L		\$240	M						]	
219	Option Not Identified	Watchable Wildlife	Х	Х	X	\$65	M		_					
220	Option Not Identified	Increased Access PWS	Х			\$100	M							
221	Plan Commercial Recreation Facilities	Recreation Development	X	X	x	\$200	M							
222	Restoration Monitoring													_
223	Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	Х	X	X	\$77	М		_					M
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	Х				1							
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	$ \mathbf{x} $	\$310	M						<u> </u>	31
226	Visitor Center	Cordova Environmental Education Center	Х			\$15	1							<u> </u>
227	Visitor Center	Cordova Mini-Imaginarium	Х			\$63	1							$\left\{ \cdot \right\}$
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	М							×
229	Visitor Center ·	Environmental Education Center in PWS	Х			\$90	1							K
230	Visitor Center	Environmental Learning Resource Center	Х	X	X	\$90	1				$\prod$			
231	Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	Х			\$450	1							S

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

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N EST.	EST.	, ,		Ι,	, ,	, , ,	Ŗ
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SERVICE	SUBOPTION		S	E N	\$K	(YEARS)	4 5	6	7   8	9 0	, 1	Pund
250 Sea Otter	Study: Eliminate Oil from Mussel Be	ds									$\prod$	
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251 Sockeye Salmon								-		-		
	Fish Passes and Access	Solf Lake Fish Pass	X		\$120	M						
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X	\$333	M						
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X \$275	M		<del>                                     </del>	-+			
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X	\$500	93 - M						
255	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000			+				
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	M		++	· -		-	
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X \$6	M-		++				
258	Monitoring	Sockeye Salmon Overescapement		X		93 - M						
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	- <del>X</del>		\$165	93 - M						
260	Option Not Identified	Red Lake Salmon Restoration			X \$72	M						
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261 Sport Fishing	Recovery Monitoring			-			_	† <u> </u> -			+-+	
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		Х	\$4,200	1						
263	Restoration Monitoring											
										1		
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264 Subsistence	Access to Traditional Foods											
265	Bivalve Shellfish Hatchery											
266	Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X		\$200	М						
267	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	Х	X	X \$300	1,						

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268 Subsistence	Option Not Identified	Mariculture Technical Center	X	X	x	\$2,200	11						
269	Option Not Identified	Seward Shellfish Hatchery	Х	X	x	\$1,300	1						
270	Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M	X	X.				
271	Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M					_	
272	Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M						l k
273	Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	11			.			LV
274	Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1						
275	Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	Х	X	Х	\$55	М						1/2
276	Restoration Monitoring											! !	
277	Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X		L	\$589	М						
278	Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	х	X	X	\$300	M						
279	Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M						
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280 Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M	X	X	X			
281	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	М						
282	Monitoring	PWS Spot Shrimp Survey	X			\$90	M						
283	Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	М						
284	Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X	<u>:   </u>		\$265	93 - M						
285	Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	Х	X	X	\$390	М						
286	Monitoring	Subtidal Recovery Monitoring	Х	( x	X	\$400	М						
287	Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	Х	X	X	\$90	М				1_1_	_	
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ll													
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288 Technical Serv	vices Administration	Electronic Archiving of Exxon Valdez Records	X	X	Х	\$450	М						X
289	Administration	Geographic Information System Mapping of Natural Resources in Western PWS	Х			\$75	M						

	1994	POTENTIAL	<b>PROJECT</b>	TITLES
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	or SERVICE	or SUBOPTION		₽ ₩ S	K E N	<b>к</b> О D		(YEARS)	9	9 9 9	9 9 8	9 0 9 0	ot Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	x	x	\$105	93 - M					1 X
291		Administration	Toxicological Profile of PWS	Х			\$150	M					X
292	1	Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	М					
293	/	Public Information	Database Integration	X	x	X	\$148	М					
294	6	Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	x	X		М		1			2
295	N	Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	Х	Х	X	\$120	М			TI		2
296	(0)	Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M					3
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	x	X	\$72	М					2
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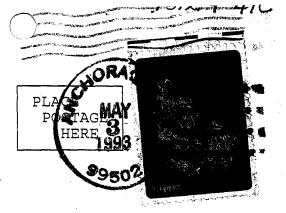
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	RESOURCE or SERVICE	RESTORATION OPTION  OF  SUBOPTION	POTENTIAL PROJECTS  P K K COST/YR DURATION ; S N D SK (YEARS)	1 1 9 9 9 9 5 6	1 1 9 9 9 9 7 8	1 9 9	2 2 0 0 0 0 0 1	Do Not Fund
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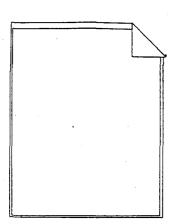
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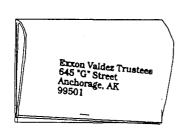
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

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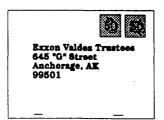
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1 Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	ХХ	\$41	М						
2	Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	x		\$300	1						
3	Habitat Protection and Acquisition	Archaeological Site Acquisition	X	хх	\$200	M	X					
4	Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	x	хх	\$525	М	X					
5	Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	х	хх	\$400	М	X					111
6	Option Not Identified	Restoration of Chenega Village Site	х		\$75	1.	1					
7	Option Not Identified	Site-specific Archaeological Restoration - Interagency	х	хх	\$300	93 - M	X					
8	Public Information	Passports in Time-Cultural Resource Patterns in PWS	х		\$230	М	X					
9	Public Information	Heritage Information Replacement	х	хх	\$200	М	•			T		
10	Public Information	PWS Landmarks-Evaluation and Interpretation	· X		\$400	М						
11	Public Information	Public Education and Interpretation of Archaeological Resource	х	хх	\$400	М	X					
12	Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	хх	\$225	М	1					
13	Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	x	хх	\$150	М	X					
14	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-interagency	х	хх	\$210	М	X					
15	Site Stewardship Program	Archaeological Site Stewardship Program	X	хх	\$114	М	X					
16	Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X		\$1,200	1	,					
				•								
17 Bald Eagle	Habitat Protection .	Identification and Protection of Important Bald Eagle Habitats	_ X			M	X					
18	Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	x x	\$10	M						
19	Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X X	\$200	М	X					
20 Black Oysterc	atcher Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	x	ХX	\$108	93 - M		-+		++		++-
21	Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	x		\$125	M		_	$\dashv$	11	$\top$	++-

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RESOUR	RESTORATION OPTION	POTENTIAL PROJECTS	P	magain.	<u> </u>	ES) BOST/VA	alilezane	1 9	1 9	1 1	1 9	1 9	2 0 0	Not Not
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	atcher Restoration Monitoring		L <b>9</b> _				A Charles (A.C.)						+	
	restoration worms			+	+					-			-	-
								12						
				_			*****	<del>                                     </del>						†
23 Commercial Fi	shing Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	х	<b>x</b> :	X	\$1,100	М	1						T
24	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	х	<b>X</b>	Х	\$385	М							
25	Intensify Management	Fishery Industrial Technology Center	х	<b>X</b>	X	\$3,500	1							
26	Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	М							
27	Intensify Management	Susitna River Sockeye Salmon Production Evaluation		x		\$300	М							
28	Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X :	X	\$200	М							
29	Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	Х			\$5,000	1							
30	Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	Х			\$868	М							
31	Recovery Monitoring	Wild Fish Stock Information Assessment	Х	X :	X	\$50	М							
32	Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M							
33	Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M							1
34	Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		x	$\perp$	\$50	M	<u> </u>						<u> </u>
35	Replace Harvest Opportunities	Red Lake Mitigation		1	x	\$191	М	1						
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36 Common Murro		Testing of the Feasibility of Enhancing Productivity	X	-		\$280	M	1_						
37	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement		<b>X</b>	-	\$51	93 - M	_						<u> </u>
38	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	-	<b>X</b>		\$73	M	4					_	$\perp$
39	Recovery Monitoring	Common Murre Population Monitoring OUT	$\vdash$	<b>X</b>		\$191	M							1
40	Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	<b>X</b>	X	\$40	М					·		
41	Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT				\$460	М							

1994	<b>POTENTIAL</b>	PROJECT	TITLES

RESOURCE	RESTORATION OPTION OF	POTENTIAL PROJECTS	RI P W	K E	ON K	EST. COST/YR	EST: DURATION	1 9 9	1 1 9 9 9 9	1 9 9 9 7	1 9 9 8	1 2 9 0 9 0 9 0	2 0 0	Do Not Fu
SERVICE 42 Common Murre	SUBOPTION Restoration Monitoring			ľ		SK	(YEARS) M		+	1_		+		ᇳ
12	nestoration wortholing						IVI							
43 Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	М							
44	Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	Х			\$285	М							
45	Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X	Γ		\$35	М							
46	Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	Х			\$950	М						$\Box$	
47	Restoration Monitoring						М					1		
							·							
48 General	Administration	Oil Spill Restoration Support Service and Facilities	X	х	x	\$600	1			+-		_	1.	
49	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X	1==		\$200	M	Ħ			1 1		1	
50	Option Not Identified	Hazardous Material Collection Facility	х	X	х	\$100	1				1-1			
51	Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	х	х	Х	\$488	М				1	$\top$		
52	Public Information	Public Broadcasting System Program on Oil Spill	x	х	х	\$70	М			1	1		11	
53	Public Information	Publish and Distribute Brochures on Injured Species	х	х	х	\$90	М	$\Box$		1				
54	Public Information	PWS Brochures	Х	<b></b>		\$65	М				1			
55	Public Information	PWS Implementation of Interpretive Plan	х			\$150	М				$\Box$	$\top$		
56	Public Information	PWS Large Format Photographic Book	Х			\$100	М							
57	Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X			\$70	М						П	
58	Public Information	PWS Video Programs	Х			\$100	M							
59	Public Information	Science of the Sound- Education Program	X			\$53	М			T		1		

RESOURCE Quadratic SERVICE	RESTORATION CHIECUS SUBSIDION	POTENTIAL PROJECTS		(G) (S) .K		ST ST/VII SK	EST DURATIO) (YEARS)	1 9 9	1 9 9 5	1 1 9 9 9 9	1 9 9 8	1 2 9 0 9 0	. 2 0 0	Do Not Fund
60 Harbor Seal	Cooperative Program-Fishermen													
61.	Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	x		1	\$39	М						$\perp \perp$	
62	Option Not Identified	Subsistence Harvest Assistance	x			23	М				_			
63	Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	x		\$	165	93 - M							
64	Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	Х	<b>X</b> 2	X \$	230	М							
					-									<b></b>
65 Harlequin Duck	Eliminate Oil from Mussel Beds												.	
66	Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis		X		700	93 - M							
67	Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X Z	X 5	\$53	М							
68 Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	Х	X :	x s	\$20	М	1						
69	Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	х	X :	x s	\$70	М	T						
70	Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	Х	X :	x \$	300	М	T				$\exists$		
71	Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X :	X S	\$50	М	T					1-1	
72	Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	Х		\$	500	М							-
73	Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X \$	800	М							
74	Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	Х	X :	х		М							
75	Monitoring .	Coastal Habitat Injury Assessment - Intertidal Algae	Х	X :	X \$	620	М							
76	Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	Х		\$	600	М							
77	Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	Х	X :	x \$	500	М	$\times$						
78	Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	x \$	200	М	×						
79	Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	Х	X	x \$	275	М							
80	Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X S	\$50	М	X						
81	Monitoring	Monitoring for Recruitment of Littleneck Clams	Х	X :	X \$	186	М							

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	REG		EST N	EST DURATION	1 9	1 9	1 1	1 9	2 2 0 0	Do Not
SERVICE	SUBOPTION		P K W E S N	10	800 400 400 500 500 500	(YEARS)	9 5	6	7 8	9	0 1	Fund
82 Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	x x	( x	\$500	М					Ī	
83	Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	<b>(</b> X	\$600	M						
84	Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	<b>(</b> X	\$195	М						
85	Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	<b>(</b> X	\$500	93 - M						
86	Monitoring	Herring Bay Experimental and Monitoring Studies	X		\$495	93 - M						
87	Option Not Identified	Bivalve Shellfish Rehabilitation Project	XX	<b>(</b> X	\$860	М		]				
88	Option Not Identified	Clam Enhancement	XX	<b>(</b> X	\$120	М						
89	Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	XX	<b>(</b> X	\$500	M .						
90	Option Not Identified	Restoration of Mussel Beds	X	( X	\$500	M						
91	Option Not Identified	Characterization of Near-Shore Bottom Habitat	_ X >	<b>(</b> X	\$237	М						
92 Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X		\$120	93 - M						
93	Monitoring	Recovery Monitoring	Х		\$125	M						
94	Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X	T	\$180	М						
95	Reduce Fishery Interactions	Change Black Cod Fishery Gear	X			M						
					·							
96 Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X X	( X	\$240	93 - M			1-			
97	Habitat Protection	Survey to Identify Upland Use by Murrelets	X X	( X	\$180	93 - M				TT		
98	Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X X	( X	\$250	М						
99	Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	XX	( X	\$509	М						
100	Minimize Incidental Take											
101	Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks	,	( X	\$200	М			T			

Name:	
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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	(e)[		EST	EST	,	,	, T	Л,	T	,	,	8
	or	<b>大人的</b> 的人。		P	ĸ	ĸ	(RESTATE)	alUriAvii(e)	9	9	9	9 9	9	0	0	Not
	SERVICE	SUBORTION		s	N	D	200	(VELIE)	4	5	6	7 6	9	0	1	DE L
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	Х	X	\$250	М		-						
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		<u>.</u>		1									1			. 1
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103	Multiple Resources	Habitat Protection	Habitat Modelling	X	Х	X	\$150	<u> </u>					_	-	<u> </u>	
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M				_  _	_			
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M	ļ				<u> </u>	1	_	
106		Habitat Protection	Stream Habitat Assessment	Х	Х	X	\$361	93 - M	ļ					.		
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1	ļ			_  _				_
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	Х	X	\$276	93 - M	ļ.,				_	1-		
109	·	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M	<u> </u>					1		
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M	ļ						1	
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge	$\perp$	Х	X	\$111	1								
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	1_							
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1						-		
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				11	_				$\perp$			
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1			$\rightarrow$					
116	·	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1	X							
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1	ļ <u>.</u>							
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	Х			\$3,500	11						<u> </u>		
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1	<u> </u>							
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	11	_				$\perp$			$\perp$
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	11								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		Х		\$60	1								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		Х		\$400	11								]
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		Х		\$80	11								]
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1	\ 		[					
126		Habitat Protection and Acquisition	Habitat Acquisition	Х	Χ	X	\$25,000	93 - 1	X							
127	ı	Habitat Protection and Acquisition	Habitat Acquisition, Afognak			х	\$112,500	1								

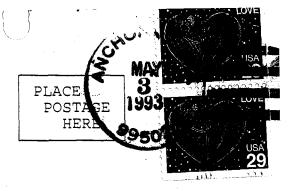
RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	FIE	Glo	N	EST.	EST	,	Τ,	Ι,		, 1	Ι,	, 8
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SERVICE	SUBOPTION SUBOPTION		s	N	D		(YEAR	*****	5	6	7	8	0	1 1
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	X	x	\$25	М							
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1							
178	Fish Passes and Access	Otter Creek Fish Pass	X			\$130	1							
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1		T				1	
180	Fish Passes and Access	Sockeye Creek Fish Pass	Х			\$60	1		T					
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			x	\$55	1		1					
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	х	X	X	\$727	М		1		;			
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	М							
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x			\$855	М							
185	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	- M		-					
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x			\$253	М							
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	Х	X	X	\$152	М					1		
188	Intensify Management	Pink Salmon Escapement Enumeration	х	X	X	\$705	М							
189	Intensify Management	PWS Salmon Stock Genetics	x			\$150	М							
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	М		T		1			
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	X		\$686	М							
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	X		\$899	М						T	
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	М							
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	Х			\$385	93 - M						T	
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	М							
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	x	X	x	\$300	М							
				-										
				_										
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak	+	X :	-	\$1,250	M							
198	Establish Marine Environmental Institute			X		\$6,000	1							
199	Establish Marine Environmental Institute	Seward Sea Life Center	x	X	x s	\$40,000	1							
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	+	X		\$500	M							
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X :	x	\$500	М							

					(2000) T									
RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	B	EG T		EST	EST DURATION	1 9	1 9	1 9	1 1 9 9	1 9	2 2	Do No
SERVICE	SUEOPHO)		W S	E	O D		YEARS	9 4	9 5	6	7 8	9	0 0	Pund
202 Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System		1	x	\$500	1		1		1		- <b>F</b>	
203	Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			х	\$70	1	X						
204	Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	×			\$50	М							
205	Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	Х	X	x	\$100	М			Ī				
206	Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	×			\$58	М							
207	Monitoring	Recreation Field Management and Monitoring	×	X	Х	\$700	М							
208	New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	Х			\$150	1							
209	New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х		$\prod$	\$20	1							
210	New Backcountry Recreation Facilities	Improve Marine Parks	Х	X	х	\$100	М							
211	New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	×	(		\$100	1							
212	New Backcountry Recreation Facilities	Prince William Sound Campground	×			\$70	1		Ī					
213	New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	×	X	X	\$150	M							T
214	New Backcountry Recreation Facilities	PWS Kayak Trail	×			\$100	1							
215	New Backcountry Recreation Facilities	PWS Recreation Facilities	Х	(		\$250	1							
216	Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1							
217	Option Not Identified	Implement Prince William Sound Area Recreation Plan	×			\$400	M							
218	Option Not Identified	Sustainable Tourism in PWS	×			\$240	М							
219	Option Not Identified	Watchable Wildlife	×	X	Х	\$65	М							
220	Option Not Identified	Increased Access PWS	×			\$100	М							$oxed{\mathbb{L}}$
221	Plan Commercial Recreation Facilities	Recreation Development	×	X	X	\$200	М							
222	Restoration Monitoring													
223	Visitor Center .	Bird and Mammal Specimens, University of Alaska Museum	×	( x	X	\$77	М							
224	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	×				1							
225	Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	×	X	X	\$310	М							
226	Visitor Center	Cordova Environmental Education Center	×			\$15	1					·		
227	Visitor Center	Cordova Mini-Imaginarium	×			\$63	1							
228	Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	×	X	X	\$155	М							
229	Visitor Center	Environmental Education Center in PWS	Х	(		\$90	1							
230	Visitor Center	Environmental Learning Resource Center	×		X	\$90	1							
231	Visitor Center_	Establish Natural Resource Library and Computer Support Technical Service in Cordova	<b>&gt;</b>			\$450	1							

Name:	 · · · · · · · · · · · · · · · · · · ·	
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RESOURCE or SERVICE	RESTORATION OPTION  SOIT SUPPLY AND SUBOPTION	POTENTIAL PROJECTS	P K	K O	EST. COSTAN SK	ESTA DHAT(ON (YEARS)	1 9 9	1 1 9 9 9 9 5 6	1 1 9 9 9 9 7 8	1 9 9	2 2 0 ( 0 (	Do Not Fund
Multiple Resources	Hahtet Protection Acq.	Princhase Inholding in Kerai Fjords National Park		X		Î	X					
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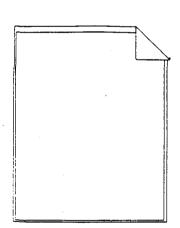
	RESOURCE or SERVICE	RESTORATION OPTION  SUBOPTION	POTENTIAL PROJECTS    REGION   EST.   EST.
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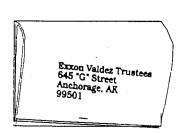
EXXON VALDEZ TRUSTEE COUNCIL 1994 Work Plan Work Group 645 "G" Street Anchorage, Alaska 99501

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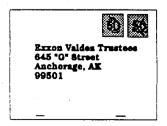
Please Stack Your Comment Sheets On Top Of This Page....



Then Staple or Tape Sheets Together....



Fold This Page Over Your Comment Sheets....



Attach Correct Postage

Name: Martin S. Conyac Phone: 907 271-2455

5g.	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	· R	EGI	ON	EST	EST.	1	1	1	1	2	2	Ŗ
	or SERVICE	or SUBOPTION		P W S	K E K	<b>к</b> О D	COSTA	DURATION ;	9 9 5	9 9 6	9 9 7	9 9	0	0 0 1	Not Fund
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	Х	X	X	\$500	М				1	i		
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	Х	x	x	\$600	М		1	1	1		1 1	ı
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	Х	X	х	\$195	M	1			1			
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	х	X	x	\$500	93 - M				i		1 1	-,
86		Monitoring	Herring Bay Experimental and Monitoring Studies	Х	:	-	\$495	93 - M					1		± ·
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	Ιx	x	\$860	М	1	1		}		1 1	١
88		Option Not Identified	Clam Enhancement	x	X	x	\$120	М	1			1			1
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	х	x	x	\$500	M	1		1	-		1 1	
90		Option Not Identified	Restoration of Mussel Beds	х	X	x	\$500	M			- 1			1 1	, 12 °
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	М				1			
															3 to 1 to 1 to 1 to 1 to 1 to 1 to 1 to
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M					.	1	
93 -		Monitoring	Recovery Monitoring	Х			\$125	M							
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M			į				
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	Х				М			ĺ	-			ļ
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M							
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M							
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M							
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	x	\$509	М							
100		Minimize Incidental Take													
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M							

Name: Martin D. Congae Phone: (907) 271-2455

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	R	EGIC	ON	EST.	EST.	T	1 1	1		1	2	2 R
	or	SUBOPTION		P W	K E	K O	0.4 × 2.7 × 2.40 × 2.1	DURATION		9 9	9	9	9	0	Not F
32	SERVICE	SUBOPTION	and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of th	5	И	D	\$K	(YEARS)		5 6	Ľ	ů	,	0	Ę
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	М			l			ļ	
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}	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M						.	
104		Habitat Protection	Riparian Habitat Assessment	X	X	}	\$110	М	_				1		
105		Habitat Protection	Stream Channel Capability Modeling	X	X	- !	\$110	M			-				
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M		-	-				
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1							
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M							
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	1 1		\$100	М							
110	*	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	x	X	\$750	М							1 1
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		x	X	\$111	1							×
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1			]				X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1			}				X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1				1			_
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		Х		\$20	1							X
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1							X
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			x	\$250	1		-					
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1							
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1							X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1				1			X
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1		1	-				
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	1	\$60	1				1			
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		x		\$400	1							1
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		x		\$80	1							
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		x		\$740	1		ļ				1	
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	-			1			1 1
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1		T	1	-			×

### 1994 POTENHAL PROJECT TITLES

Name: Marlin D. Conyac Phone: 907 27/-2455

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	Glo	N	EST.	EST.	1 1	1	1	1	1 2	2	8
or	or a	18 C 18 C 18 C 18 C 18 C 18 C 18 C 18 C	P	K	K O	COSTAR	DURATION	9 9	9	9	9	9 0	0	Not F
SERVICE	SUBOPTION:	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	s	N	D	\$K+#	(YEARS)	<u>L</u>	6		e e	9 0	1	that.
128 Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island		Ì	x	\$20,000	1							×
129	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	1		1					
130	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	\$1,000	1		i					
131	Increase Natural Food Supply								i					
132	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	x	X	x	\$50	М		.					
133	Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	x	\$408	М					}	1	
134	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	М		:					
135	Intensify Maragement	Restoration of Second Growth Habitat for Wildlife in PWS	x			\$40	М		:					
136	Intensify Management	Seabird Colony Restoration	[x	X	x	\$250	м		;					.
137	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	x	.		\$250	М		;					
138	Monitoring	Shoreline Worm Life Monitoring	X	X	X	\$388	М							
139	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	x	X	x	\$416	М							i I
140	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	X	x]	one billion	М					_		X
141	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	Х	\$280	M							
142	Option Not Icentified	Oil Spill Injured Resources Literature Research and Review	x	x	x	\$7	M		į .					
143	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	\$650	1		•					
144	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	\$48	М							
145	Option Not Identified	Shoreline Assessment	x	X	Х	\$250	93 - M		i					
146	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	\$28	М							
147	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	x	X	X	\$500	93 - M							
148	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	М							
149	Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	\$2,300	1'		. }	1				. 1
150	Recovery Monitoring	Injured Resource Food Supply	X	x	X	\$850	М		į					
151	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	\$500	М							
152	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		\$600	М							
153	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	х			\$80	М							
154	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	\$150	М							, ]
155	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	x	X	X	\$100	М		İ					
156	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	\$200	М							
157	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	Х			\$35	М							

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RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	N	EST.	EST.	Π,		,		Τ.		-
or SERVICE	or SUBOPTION		Р ₩ 5	K E N	2.23	:OST/YA	DURATK (YEAR)	888	9 9 5	9 9 6	9 9	9 9	0 0	0 0
176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	x	x	x	\$25	М				Ī			Ī
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			x	\$28	1					İ		1 .
178	Fish Passes and Access	Otter Creek Fish Pass	x			\$130	1			, [				ı İ
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1			i	İ			1 l
180	Fish Passes and Access	Sockeye Creek Fish Pass	x			\$60	1			.				ı I.
181	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1			,				ı
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	x	x	x	\$727	М			,				,
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	x			\$495	M			.				.
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	x		Ì	\$855	М					İ		
185	Intensify Mar agement	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	x			\$500	М	l	!	. 1				. 1
186	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	x		Ì	\$253	М							
187	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	x	X	x	\$152	M				ļ			H
188	Intensify Management	Pink Salmon Escapement Enumeration	x	x	x	\$705	М			, 1	ĺ			1 1
189	Intensify Management	PWS Salmon Stock Genetics	x	-		\$150	M			, İ	ļ	-		i
190	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	x			\$66	М			<i>i</i> 1				,
191	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	x	x		\$686	М			. 1		1		,
192	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	x	x		\$899	М			ı		ı		, [
193	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	x			\$141	М			, [			1	1
194	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	x			\$385	93 - M			. 1				
195	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	x		ĺ	\$50	М			i		-		
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	x	X	X	\$300	M		-					
								-						
197 Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		x	x	\$1,250	M							-
198	Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	x	X	x	\$6,000	1							
199	Establish Marine Environmental Institute	to a server of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of	x	X	x s	\$40,000	1					İ		
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	x	X	X	\$500	М							, "
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	x	х	X	\$500	М			.				-

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### 1994 POTENTIAL PROJECT TITLES

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIO	EST.	EST.		, ,		1 2	
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158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X	1	\$91	М	_R			1	
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	+ +	x x		93 - M			1		
160	Reduce Disturbance by Field Presence								11		
161	Reduce Disturbance Through Public Info	Public Information and Education	$ \mathbf{x} $	$\mathbf{x} \mathbf{x}$	\$316	м		1	1 1		1 1
162	the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract o	Publish and Distribute Brochures on Injured Species	1 1	X X		м					
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	1 1	$\mathbf{x} \mathbf{x}$	1	M					
164	Restoration Monitoring	Ecosystem Study	1 1	x x	1	м			1 1		
					40,000						
\$ .									1	-	
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65 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	x		\$205	М					1 1
66	Intensity Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	x		\$400	M	-		1 1		1 1
167	Intensify Management	PWS Herring Tagging Feasibility Study	x		\$112	M -					
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	x		\$189	M	1		1 1	ļ ·	
69	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	М			-		
70	Option Not Identified	Enhancement of Pacific Herring	X	$\mathbf{x}   \mathbf{x}$	1	M	-	1 - 1	1 - 1	- 1	
71	Restoration Monitoring				`		.	-			
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72 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	×	x x	\$40	93 - M		<u> </u>	1		
73	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	1 . 1	XX		M		-		-	
74	Restoration Monitoring	- 1900 Common Trocord y Emiliancement and monitoring	12		Ψ		-	-	+}	-	-  -
75	Temporary Predator Control		+ 1	.			+ .	·		.	
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Name: Martin - D. Conyac Phone: 907 271-2455

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIC	N	EST.	EST.			T	$\mathbf{T}$	, ,	1,	,	g
2.3	or SERVICE	A SUBOPTION	Cipa supra Cipa de la Capa de Maria. La manda de Capa de la Capa de Capa de Capa de Capa de Capa de Capa de Capa de Capa de Capa de Capa de Capa de	P ₩ S			COSTAR SK	DURATION (YEARS)	9 9 4	9 9 5	9 9	9 9 7	9 9	0	0 0 1	Not Fund
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			x	\$500	1	Ī	Ī	Ī	Ī		Ī	Ī	П
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			x	\$70	1	, 1				-			
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X	1 1	-	\$50	М	, "		1					
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	x	x	\$100	м - [					1	1		
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	М	, 1		1	1		1		
207		Monitoring	Recreation Field Management and Monitoring	х	х	X	\$700	М						·	-	-
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	Х			\$150	1		-			ļ			
209	•	New Backcountry Recreation Facilities	Green Island Cabin Replacement	Х		-	\$20	1			-		-	•	1	
210		New Backcountry Recreation Facilities	Improve Marine Parks	Х	x	x	\$100	М	j				İ			
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	Х			\$100	1	, i		İ	1				
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1	, 1							
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	Х	x	X	\$150	M	· · · · i	i    -						2.7
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X	-		\$100	1								
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X	İ		\$250	1	į	ĺ		-	İ		1	[ ]
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		x	x	\$140	1								
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	Х	1	1	\$400	М	i						1	
218	•	Option Not Identified	Sustainable Tourism in PWS	Х	t - t		\$240	М	!		1					
219	•	Option Not Identified	Watchable Wildlife	Х	х	X	\$65	М	i		İ					
220		Option Not Identified	Increased Access PWS	X			\$100	М	, 1	1	~ }		-	. 🕇		
221		Plan Commercial Recreation Facilities	Recreation Development	Х	$ \mathbf{x} $	X	\$200	M	1		-		1		1	
222		Restoration Monitoring				_			,	†			-	-		
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	Х	x	X	\$77	М	, 1		1					X
224	*****	Visitor Center	Center for PWS Oil Spill and Natural Resource Education	Х	1 -			1		ļ.		.				N.
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	x	Х	\$310	М	1		1		1	-	-	X.
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1	"		1			.	1	X
227		Visitor Center	Cordova Mini-Imaginarium	×	† - †	+	\$63	1					-		-	X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	x	X	\$155						1		1	X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1			1					x
230		Visitor Center	Environmental Learning Resource Center	X	x	x	\$90	1	-	}	-	1		İ	1	X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X	1 1	-	\$450	1	; · ·	.  -					+	V

### 1994 POTENTIAL PROJECT TITLES

Name: Marlu D. Conyac Phone: 907 27/ - 2455

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS		RE(	GION	EST,	EST.	, ,	, [	, ,	1 2	2 8
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SERVICE	SUBOPTION			s i	N D	\$K	(YEARS)	5	6	7 8	9 0	1
232 Recreation	Visitor Center	Information Center		x	$x \mid x$	\$600	1					x
233	Visitor Center	Interpretation of PWS		x		\$10	М					<b>x</b>
234	Visitor Center	Maritime Wing Valdez Museum		x		\$150	1					X
235	Visitor Center	Multi-agency Library on PWS and Copper River Delta		x		\$150	1					X
236	Visitor Center	Valdez Visitor Center		x		\$850	1					X
						:						
	X											
					-							
237 River Otter	Monitoring	River Otter Recovery Monitoring	l	x		\$180	М					
238	Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS		X		\$40	M					
239	Restoration Vonitoring		-									
240	Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks		X	x x	\$99	1					
						•						
					.			.				
241 Rockfish	Intensify Management	Develop a Rockfish Management Plan		X	X	\$175	M					1 1
242	Monitoring	Monitoring Injury to Rockfish in PWS		X		\$117	М					
243	Monitoring										.	
					-		]. }					
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244 Sea Otter	Cooporative Prgm-Subsistence Users											
245	Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas			x x	\$83	M	.  .				
246	Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality		ł	x x		M					
247	Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters		X.	x x	\$450	M					
248	Monitoring	Sea Otter Population Dynamics		X	X X	\$291	93 - M					1.
249	Restoration Monitoring			-								

RESOURCE		RESTORATION OPTION	POTENTIAL PROJECTS		GIO	N FOT	E FOT	T				T	U
	or	194		P		N EST. * COST/YA	DUDITION	1 9	1 9	1	1 1 9	2 0	0 0
	SERVICE	SUBOPTION		w	E	CUSITION	(YEARS)	9 5	6	9 7	9 9 8 9	0	0 m
250		Study: Eliminate Oil from Mussel Beds				30	(TEARS)	-			+-	<u> </u>	<u> </u>
		Study. Eliminate Oli nom Musser Beds					-				-		-
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1													
251	Sockeye Salmon	Fish Passes and Access	  Solf Lake Fish Pass	Y	-	\$120	M		-			-	
252	1		Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		x	\$333	M					1	- 1
253	1	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X \$275	M		-				
254	I :	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		x	\$500	93 - M				1.	1 -	
255	f i	Intensify Management	Kenai River Sockeye Salmon Restoration	1	$ \hat{\mathbf{x}} $	\$1,000	93 - M		-				
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		x	\$143	М	-			- 1	-  -	
257	1 1	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X \$6	M		1	İ		1 1	
258	· · · · · · · · · · · · · · · · · · ·	Monitoring	Sockeye Salmon Overescapement		$\mathbf{x}$	1	93 - M		1		ľ	1 1	•
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	$ \mathbf{x} $	İ	\$165	93 - M						
260		Option Not Identified	Red Lake Salmon Restoration			X \$72	М	1				1 1	
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263		Restoration Monitoring											
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265		Bivalve Shellfish Hatchery			1					ļ., .ļ.		.	ļ
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267	'	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	<b>x</b>	X \$300	1		$\perp$				

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

#### Dear Trustees:

I would oppose spending money for acquiring inholdings in State and Federal lands.

I believe that spending money for the "acquisition" of inholdings within the various State and Federal preserves seems to have little to do with remediating damage from the oil spill. Acquiring inholdings won't clean up any oil, won't restore any lost wildlife, and won't reverse any damage that has already been done.

Although the acquisitions would appear to replace lost habitat, I believe it to be a method to displace people by removing land holders from their land in the interest of the land managing agencies. Newly acquired inland land and habitat is not going to be the same as coastal land and habitat damaged by the spill, and it is likely that most of the coastal habitat damaged is not irreparably lost anyway because most will recover naturally over time. Also, the existing "inholding" habitat will persist as is, regardless of its political or ownership status. Spending money to acquire these inholdings will not "create" more habitat.

I also believe that money spent on "visitor center" projects seems excessive, given that it will do little or nothing to remediate the damage or losses caused by the oil spill.

Money for the above proposed purposes would be better spent by investing in things that will have permanent long-term economic benefit and stimulation to the State and National economy, such as constructing roads into currently inaccessible areas for the purpose of promoting natural resource development, development of towns and villages, and tourism. As an alternative the money could be placed in trust to be used for other future oil spills or natural disasters that are, by nature, inevitable.

Martin D. Conyac

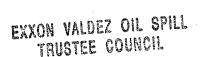
Anchorage, Alaska



**Cook Inlet Seiners** Association

> P.O. Box 4311 Homer, Alaska 99603 235-2656

> > 0001940405 APR 05 1993





February 12, 1993

Jerome Montiague Chief of Restoration Habitat and Restoration Department of Fish and Game P.O. Box 25525 Juneau, Alaska 99802-5526

Dear Mr. Montiague:

Thank you for your efforts on behalf of the Cook Inlet Seiners Association (CISA) in addressing Lower Cook Inlet and the outer Kenai Peninsula Coast concerns. Our group has sought assurances that results of studies regarding pink and chum salmon survival and rearing habitat health conducted in Prince William Sound be carried over and considered applicable on the outer Kenai Peninsula Coast. We have received no such commitment to date; therefore we are submitting three (3) proposals that parallel projects in the 1993 Draft Work Plan --#93003, #93002, and #93062--for inclusion in the FY 94 work plan. The second of the second

Our other proposal is entitled "Conservation Easements for Protection and Restoration of Kenai Peninsula Coastal Fisheries Habitat." This proposal is for purchase of conservation easements along anadromous fish streams in the area affected by the spill. The streams listed have either been logged and are in need of protection to allow for reforestation and restoration or they are scheduled to be logged in the near future.

In addition we are supporting two (2) proposals made by the FRED Division's Nick Dudiak. Number One is for the Fund to absorb the portion of the Lower Cook Inlet Sockeye Project stocking, fertilization, and enumeration now funded by CISA. Number two is to support a feasibility study for a spawning channel alongside Port Dick Creek in Port Dick

Thank you again for your assistance.

March 4 4 L

Sincerely.

Cook Inlet Seiners Association

EXXON VALUES OIL SPILL TRUSTEE GOUNCIL ADMINISTRATIVE RECORD

Project Title: Pink Salmon Egg to Pre-emergent Fry Survival in in the Outer Coast of the Kenai Peninsula

Project Description: See 93003 ✓

Project Cost: \$ 680,000

Project Title: Documentation, Enumeration, and Preservation of Genetically Discrete Wild Populations of Pink Salmon Impacted by EVOS in the Outer Coast of the Kenai Peninsula.

Project Description: See 93004 /

Project Cost: \$ 899,100

Project Title: Pink Salmon Egg to Pre-emergent Fry Survival in in the Outer Coast of the Kenai Peninsula

Project Description: See 93063

Project Cost: \$54,400

Project Title: Conservation Easements for Protection and Restoration of Kenai Peninsula Coastal Fisheries Habitat.

Project Description: Request funds to purchase conservation easements along all identified anadromous streams located on private land holdings with the Kenai Peninsula Coastal areas. Such easements would allow certain habitat restoration and protection activities that are compatible with sound management principles and would prohibit certain logging and development activities that may damage fisheries habitat with a 400 foot setback or buffer zone along those streams or riparian zones. No other surface or subsurface or outright ownership rights would be conveyed with the easement purchases.

Project Cost (Projected):

Aialik Bay and drainages:

\$ 90,000

Rock Bay and drainages:

740,000

Windy Bay and drainages:

510,000

Chugach Bay and drainages:

60,000

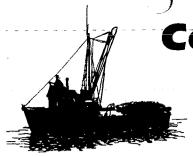
Port Chatham drainages:

80,000

Dogfish Bay drainages:

400,000

\$ 1880,000



Cook Inlet Seiners
Association

P.O. Box 4311 Homer, Alaska 99603 235-2656

April 27, 1993

Marty Rutherford Habitat Protection Working Grou 645 "G" Street, Suite 402 Anchorage, Alaska 99501

EXXON VALDEZ OIL SPILL

TRUSTEE COUNCIL

ADMINISTRATIVE RECORD

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

Dear Marty:

A few weeks ago, the Cook Inlet Seiners Association (CISA) talked with your office regarding our concerns and ideas in respect to restoration of the outer coast of the Kenai Peninsula. At that time, CISA did fax you information on our proposals. With this correspondence, we are again sending you a generalized list of conservation easements CISA believes should be purchased with Exxon Valdez oil spill settlement dollars in the outer coast of the Kenai Peninsula. These proposed easements are listed as potential projects in the draft 1994 work plan. We ask your support of these projects.

As you are well aware, the outer coast of the Kenai Peninsula was second only to Prince William Sound in oil spill damage incurred. As a result, it is proper and appropriate that this area receive restorative attention. CISA proposes that Exxon monies purchase these easements along the anadromous streams indicated. This would result in protection and restoration of fish habitat severely, negatively impacted by the oil spill.

CISA continues to work with the Port Graham Native Association. The Native Association is also very interested in gaining conservation easements on some of their lands. As more details become available, we will contact you.

Thank you for your time and effort on behalf of the outer coast of the Kenai Peninsula. If we can assist you in any way, please contact us at 235-2656.

Sincerely

AlRay Carroll

President, Cook Inlet Seiners Association

#### EXXON VALDEZ OIL SPILL PROJECT DESCRIPTION

Project Title: Conservation Easements for Protection and Restoration of Kenai Peninsula Coastal Fisheries Habitat.

Project Description: Request funds to purchase conservation easements along all identified anadromous streams located on private land holdings with the Kenai Peninsula Coastal areas. Such easements would allow certain habitat restoration and protection activities that are compatible with sound management principles and would prohibit certain logging and development activities that may damage fisheries habitat with a 400 foot setback or buffer zone along those streams or riparian zones. No other surface or subsurface or outright ownership rights would be conveyed with the easement purchases.

Project Cost (Projected):

Aialik Bay and drainages:

\$ 90,000

Rock Bay and drainages:

740,000

Windy Bay and drainages:

510,000

Chugach Bay and drainages: Port Chatham drainages:

60,000

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80,000

Dogfish Bay drainages:

400,000

\$ 1880,000



Cook Inlet Seiners
Association MAY 1

MAY 14 1993

P.O. Box 4311 Homer, Alaska 99603 235-2656

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

April 12, 1993

Jerome Montague Chief of Restoration Habitat and Restoration Department of Fish and Game P.O. Box 25525 Juneau, Alaska 99802-5526

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FISH & GAME LICENSING SECTION

EXXON VALDEZ OIL SPILL
Restoration Projects--Lower Cook Inlet TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

Dear Mr. Montague:

Thank you for your recent correspondence and the support you are giving to the Cook Inlet Seiners Association's restoration project proposals for Lower Cook Inlet. It has been a slow, tedious process to have our concerns and ideas heard. It is gratifying to work with someone who not only listens but also responds.

As you suggested, CISA shared our ideas on outer coast easements and acquisitions with the Habitat Protection Working Group. In addition, we have been working with our legislators on this issue.

Enclosed you find copies of the Lower Cook Inlet Sockeye Project and the Port Dick spawning channel as you requested. If you have any questions about these projects or any other of our proposals, please call us at 235–2656.

Thank you again for your time and effort on behalf of the Cook Inlet Seiners Association.

Sincerely,

Alkay Carroll

President, Cook Inlet Seiners Association



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#### 1994 WORKPLAN PROJECT IDENTIFICATION

#### RESOURCE/SERVICE: PINK AND CHUM SALMON

LINK TO INJURY: Although no damage assessment surveys were conducted in the Outer Gulf Coastal areas of the Kenai Peninsula or Lower Cook Inlet (LCI) continuing studies in the Prince William Sound area indicate differences in pink salmon egg mortality as well as growth in the early marine life stage. These results should be considered applicable as potential impacts on pink salmon stocks in the Outer Kenai Peninsula area which were affected by moderate to heavy oiling during the 1989 EVOS. Most of these streams and associated estuaries that were exposed to various degrees of oiling have demonstrated decreasing pink and chum salmon production trends, even prior to the spill. Any further sublethal effects from the EVOS or other events could jeopardize long term salmon production in some of these systems. Moderate to intensive oil clean up and remediation activities were conducted in only a small portion of the impacted areas in 1989 and 1990.

#### WHAT NEEDS TO BE DONE, WHY, HOW:

- 1/. Need to develop the current pink and chum salmon spawning channel restoration feasibility surveys into the final engineering and early construction phase. This would ultimately justify the funding spent on the earlier restoration surveys and nearly complete the actual construction of an effective spawning channel system which should help to restore area pink and chum salmon stocks.
- 2/. Additionally need to continue to identify EVOS impacted salmon stocks and areas and determine optimal methods of restoration in terms of habitat rehabilitation and fishery enhancement aspects. Based on the results of these surveys, determine the best techniques to restore the potentially damaged pink and chum salmon stocks and/or habitats required for spawning and nursery functions.

#### POTENTIAL PROJECTS:

TITLE: Pink and Chum Salmon Spawning Channel Engineering and Construction

PROJECT DESCRIPTION: Develop final engineering and initiate construction phase for spawning channels to subsequently restore pink and chum salmon populations.

Restoration End Point: Technical Feasibility:

Time Critical/Lost Opportunity?: Yes.

Consistent with Applicable Federal and State Laws and Policies.

r

#### DRAFT

#### 1994 WORKPLAN PROJECT IDENTIFICATION

RESOURCE/SERVICE: Sockeye Salmon

Link to Injury: Estuaries which sockeye salmon utilize as nursery areas were oiled to various levels during the 1989 EVOS. Any direct or indirect effects from exposure to oil or other events could jeopardize long-term sockeye salmon production, which currently is extremely important to the Lower Cook Inlet (LCI) commercial fisheries.

#### WHAT NEEDS TO BE DONE, WHY, HOW:

1/. Need to provide support and expand the current LCI sockeye salmon enhancement program. The rational for the consideration of this sockeye restoration and enhancement project includes not only the mitigation for possible oil related impacts to sockeye smolt survival but also to provide additional enhanced terminal commercial harvest areas to provide displacement of fishing pressure from area pink and chum salmon stocks that may have been affected by the EVOS.

#### POTENTIAL PROJECTS:

Title: Sockeye Salmon Enhancement

Project Description: Provide for the annual stocking of hatchery produced sockeye salmon fry into various lake systems in the LCI area. Several lakes are also involved in lake enrichment programs through application of liquid fertilizer.

Restoration End Point:

Technical Feasibility:

Time Critical/Lost Opportunity? YES

Consistent with Applicable Federal and State Laws and Policies. Comments: This project would serve as an excellent EVOS mitigation type of program by providing displacement terminal commercial fishery harvest areas minimizing pressure on other stocks that are demonstrating trends that may have been affected by the EVOS.

Title: LCI Sockeye Salmon Enhancement Evaluation

Project Description: Provide for ongoing limnological and biological studies to determine and maintain optimum sockeye fry stocking density to maximize adult return production.

Restoration End Point:

Technical Feasibility:

Time Critical/Lost Opportunity? YES

Consistent With Federal and State Laws and Policies.

Comments:

This project would also serve as an applicable EVOS mitigation type of program by providing continued evaluation to maximize production from area sockeye salmon enhancement programs. These in turn

## EXXON LDEZ OIL SPILL TRUSTEE CO CIL

## FORMAT FOR IDEAS FOR RESTORATION PROJECTS

Title of Project: Lower Cook Inlet - Po Windy Bay Pink Salmon	ort Dick Chum Salmon Restoration Site Survey n Restoration Site Survey
Justification: (Link to Injured Resource o	r Service)
Windy Bay were heavily oil	in Port Dick and pink salmon areas in ed during the EVOS. Adult returns to en declining since that event.
Description of Project: (e.g. goal(s), object	ctives, location, rationale, and technical approach)
Cook Inlet (LCI) pink and of moderately to severely oile Dick and Windy Bay is restoration site surveys are that includes Prince William goal of the site survey popotential restoration sites	in FY 91 to identify potential Lower chum salmon restoration sites in areas d during the EVOS. Survey work in Port currently being conducted. The LCI e one component of an area wide project sound and the Kodiak archipelago. The ortion of this project is to identify in the oil impacted areas of Lower Cook ine the optimal method of restoration enhancement techniques.
characteristics such as; sescapement enumeration and Also, engineering, water che conducted. Information obtained to later develop plans	sites are on going to determine various stream flow characteristics, spawning identifying juvenile nursery areas. mistry and hydrological surveys will be sined during the site surveys will be for rehabilitation or restoration of mentation of the selected restoration through a separate proposal.
Estimated Duration of Project: FY 93	
Estimated Cost per Year: \$79,50	0
Other Comments:	
Name, Address, Telephone:	
Nick Dudiak/Larry Boyle	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de Transferencia de la companya de la companya de la companya de la companya de la companya de la companya de la c
ADF&G F.R.E.D. Division 3298 Douglas St.	Oil spill restoration is a public process. Your ideas and suggestions will not be proprietary, and you
Homer, AK 99603	will not be given any exclusive right or privilege to
(907) 235-8191	them.

### FORMAT F DIDEAS FOR RESTORATION PK DECTS

Title of Project: LOWER COOK INLET SOCKEYE SALMON RESTORATION AND

ENHANCEMENT

Justification: (Link to Injured Resource or Service)

Estuaries which sockeye salmon utilize as nursery areas were oiled to various levels during the EVOS. Any direct or indirect sublethal effects from exposure to oil or other events could jeopardize long-term sockeye salmon production, which currently is extremely important to the Lower Cook Inlet (LCI) commercial fisheries.

Description of Project: (e.g. goal(s), objectives, location, rationale, and technical approach)

The major goal of this project involves the support and expansion of the current LCI sockeye salmon enhancement program. The objectives of this program involve the annual stocking of sockeye salmon fry into 8 lake systems in the LCI area. Additionally, two lakes are currently involved in lake enrichment programs through application of liquid fertilizer. Ongoing limnological and biological studies are conducted to determine and maintain optimum sockeye fry stocking density to maximize production. work is needed to investigate the potential for additional lakes to be used in the sockeye enhancement program. The lakes are located in the Kamishak Bay, Outer and Southern Districts of the LCI commercial fisheries management area. The rationale for the inclusion of this sockeye restoration and enhancement project includes not only the mitigation for possible oil related impacts to sockeye smolt survival but also to provide additional terminal commercial harvest areas to provide displacement of fishing pressure from natural pink and chum salmon stocks that may have been affected by the EVOS.

Estimated Duration of Project:	FY/93 - FY/98	
Estimated Cost per Year:	\$120.0	
	•4. 4	
Other Comments:		

This project will provide significant benefits to the LCI area commercial fishery. For example, in 1991, a new record LCI sockeye salmon harvest was set with a harvest of 333,000 fish. Over 67% of this harvest originated from 5 sockeye salmon stocking sites.

## Name, Address, Telephone: Nick Dudiak/Larry Boyle

TITCK Dadiaky Early				
Alaska Department	of	Fish	&	Game
F.R.E.D. Division				
3298 Douglas St.				
Homer, AK 99603				

Oil spill restoration is a public process. Your ideas and suggestions will not be proprietary, and you will not be given any exclusive right or privilege to them.



Cook Inlet Seiners Association

P.O. Box 4311 Homer, Alaska 9960 235-2656

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Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 "G" Street
Anchorage AK 99603

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OCT 0 2 1995

EXXON VALDEZ OIL SPILL
THUSTEE COUNCIL

May 20,1993

Dear Trustee Council: ADMINISTRATIVE RECORD

Cook Inlet Seiners Association, a non-profit group representing Lower Cook Inlet salmon seiners would like to take this opportunity to comment on the 1994 Restoration Plan. We are returning a copy of the draft plan with projects highlighted that we believe will be of benefit in restoring damaged anadromous fish stocks in the Lower Cook Inlet and the Outer Coast. In addition, we are submitting the following comments on these and other projects.

Project 34, the Paint River Fish Ladder Stocking Program, needs to be expanded to include four years chum stocking, at least two years pink stocking, and additional sockeye stocking. This is not a hatchery project and would be terminated at the end of the stocking plan and allowed to run a natural cycle of instream spawning and adult return. Total cost of a four year project is estimated at 2 million dollars. Though little can be done to restore the impact of EVOS in the much-damaged area in the Kenai National Fiords, the Paint River project is an opportunity to mitigate for those lost resources.

Projects 121, 122, 123, 124, and 125: conservation easements in Aialik, Windy, Chugach, Port Chatham and Dogfish Bay are necessary to preserve the natural runs of salmon here. In the past, substantial runs of chum and pink salmon returned to these bays, but logging has severely and negatively affected the instream survival due to inadequate buffer strips. Logging activity has increased again and the conservation easements on these streams are the most effective way to coexist with the logging industry and protect these vital riparian zones now.

Cook Inlet Seiners Association advocates establishing a project to restore intertidal chum salmon at Port Dick and Rocky River, both areas heavily impacted by oil in 1989. Instream incubation boxes to increase the survival of eggs of returning adults will help reestablish these runs to pre-spill levels. Estimated cost of this project is \$100,000 per year for 4 years, total cost \$400,000.

In addition, we propose ongoing Evaluation and Enumeration Projects for the streams in Lower Cook Inlet. There has been little or no evaluation of the affected streams after the initial spill year. Analysis of ongoing problems, progress, and the long-term affects of of the EVOS are important in the total spill area. Restoring the resource by monitoring spring egg survival, escapement count, and out-migrating fry is important to maintain on a year-to-year basis and need to be funded.

While we are eager to begin the restoration process, we are concerned that inadequate data will cause the delay or rejection of the projects in our area. CISA believes that data gathered in PWS on the affects of the spill on pink and chum salmon are applicable to Lower Cook Inlet, therefore cost savings by not duplicating past research can be applied to restoring wild salmon stocks.

Our group feels there are not many projects to restore the salmon fishery in Lower Cook Inlet. Those of most importance to us are stated above: the stocking of Paint River, Conservation Easements, Restoring Chums to the Outer Coast at Rocky and Port Dick, and creating ongoing Evaluation and Enumeration Projects for our streams.

We believe the native landholdings within the Kenai Fiords National Monument will be purchased in the future, further limiting restoration potential from Seward to Gore Point. If this occurs, mitigation for sockeye salmon will be requested in the form of a project in the Seward area.

Damage to Lower Cook Inlet by EVOS is an established fact, yet little has been done to research or restore damaged fish stocks. It is important that restoration of pink, chum, and sockeye stocks is begun immediately. Since 1989, the salmon runs have failed in Lower Cook Inlet. Restoration of affected stocks must be accomplished as soon as possible to preserve these unique runs and the fishermen that harvest them. It is with firm belief in and committment to our environment, that Cook Inlet Seiners Association proposes these projects, knowing them to be reasonable and conservative, worthy of highest priority at this time.

Sincerely Yours,

C. Moss

Exxon Restoration Committee

## Cook Inlet Seiners, Inc. ○ Box 4311

Name:	Homer, Alaska 99603
Dhana.	Mulliel, Alaska 38000

#### 1994 POTENTIAL PROJECT TITLES

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	BE	G	ON	EST	EST	1	1	1 1	1	1	2	2 2
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	Archaeology	SUBOPTION CONTRACTOR		1	<u>"</u>	- V	16	(VEARS)	Ц	4	_	+	<u> </u>		ä
1'	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M							
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1	ļ ļ						
3	·	Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M							
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	ł l·	\$525	M		.		Ì			
5		Intensified Management	Vandalized Cultural ResourcesInventory, Evaluation, Interpretation	X	Х	X	\$400	M							
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1							
7	1.	Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M							
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M							
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M							
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	М							
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	Х	X	\$400	М							
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	М							
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	Х	X	\$150	М							
14	4.4.	Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	Х	X	\$210	М			-		-		
15	* · · •	Site Stewardship Program	Archaeological Site Stewardship Program	X	Х	x	\$114	M		- [					
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1							
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17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	Х	x	\$262	М		ĺ					
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	x	\$10	М			- [	3			·
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	Х	х	X	\$200	M							
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20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	Х	x	\$108	93 - M							
21	Contract section of the section of the section of		Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X	ļ··	† †	\$125	M.				"			
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#### Cook Inlet Seiners, Inc. Box 4311

	DUX 4311	
Name:	Llamas Alaska 00000	
DL	Homer, Alaska 99603	

#### 1994 POTENTIAL PROJECT TITLES

Page 2

RESOU	alganation ( <b>O</b> rangeles see s	POTENTIAL PROJECTS	RE P	GIO K	COST/YR	EST DURATION	1 9	1 1 9 9 9	1 9 9	1 1 9 9 9	2 0 0	2 0 N 0 r 7
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22 Black Oyste	reatcher Restoration Monitoring						-					
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	of manufacture of the second	Section 1 to										
Commercial	Fishing Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	V	x	X \$1,100	M						
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24   25	Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	1	X		1						
26	Intensify Management	Fishery Industrial Technology Center  Model for Conneity of Selmon Production for the Sucitor Projects	^	X	\$150	M						
27	Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage	-1 -002	X	\$300	M						
	Intensify Management	Susitna River Sockeye Salmon Production Evaluation	V	X		M						
28	Monitoring Option Not Identified	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment Payoff Debt of Valdez Fisheries Development Association	X	^ ′	\$5,000	1						
29	Option Not Identified	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery			\$868	M						
30	Recovery Monitoring	Wild Fish Stock Information Assessment	X	x	A CONTRACTOR	M						
31	Recovery Monitoring		^	^ ;	X \$45	M						
32	Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island	-	- 1	\$80	- "						
33	Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	^	_	No recience a	M		1 11	V	-		
34	Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program	-	^ ,	\$50	M	XX	X	V			
35	Replace Harvest Opportunities	Red Lake Mitigation	-		X \$191	М						
19												
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37	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X			93 - M	-					
38	Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X		M	750	-			-	
39	Recovery Monitoring	Common Murre Population Monitoring OUT		X		M						
40	Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X \$40	M		-				
41	Remove Introduced Species	Removal of Introduced Predators from Bird Colonies OUT			\$460	M						

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1994 POTENTIAL PROJECT TITLES

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42	Common Murre	Restoration Monitoring					м	Ī			Ī		
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13	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X		\$200	М						
4		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X		\$285	М	Ì		- 1			
15		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	x		\$35	М						
6		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	x		\$950	М						
17		Restoration Monitoring					М						
		,											
	Camaral	Administration		1		.   .							
	General	Administration	Oil Spill Restoration Support Service and Facilities	1	<b>X</b>   2		1	.					
9	. *	Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X	. .	\$200	M	.		-			
0		Option Not Identified	Hazardous Material Collection Facility	X	X )	<b>( \$100</b>	1						
1		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X		M						-
2		Public Information	Public Broadcasting System Program on Oil Spill	X	X	K \$70	M					1 1	
3	A.	Public Information	Publish and Distribute Brochures on Injured Species	X	<b>X</b>   3	K \$90	М						
4		Public Information	PWS Brochures	X		\$65	M						
5		Public Information	PWS Implementation of Interpretive Plan	X		\$150	M		1				
6		Public Information	PWS Large Format Photographic Book	X		\$100	M			-			
7		Public Information	PWS Scenic Byway Nomination and Interpretive Plan	X		\$70	M						
в		Public Information	PWS Video Programs	X		\$100	м						
9		Public Information	Science of the Sound- Education Program	X		\$53	М						
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PWS=Prince William Sound, KEN=Kenai-Peninsula and Cook Inlet, KOD=Kodiak Archipelago and Alaska Peninsula, OUT=Outside Oil Spill Area

93=Funded in 1993 M=Multi-year Project

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#### 1994 POTENTIAL PROJECT TITLES

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60	Harbor Seal	Cooperative Program-Fishermen										1			
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	Ĺ						
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	М							
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X	<u>.</u> .		\$165	93 - M							
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	М	]						
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	Harlamin Duak														
1	Harlequin Duck	Eliminate Oil from Mussel Beds						00.44							
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis		X	1 - 1	\$700	93 - M							
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M	1						
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68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	x	X	x	\$20	M							
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	х	\$70	М							
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	x	\$300	M	-			-   -			
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	х	\$50	М	1						
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	М	-						
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	Х	x	\$800	М			j				1 1
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X				М							
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	Х	X	×	\$620	М							
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	М							
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	x	\$500	М							
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Injet and Shelikof Strait		X	1 1	\$200	M							
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	x	Х	[x]	\$275	М							
80	,,	Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	x	\$50	M							
81	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Monitoring	Monitoring for Recruitment of Littleneck Clams	Х	Х	x	\$186	M							

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93=Funded in 1993 M=Multi-year Project

Name: Box 4311
Phone: Homer, Alaska 99603

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48.7	SERVICE	SUBOPTION		5	Ľ	D	\$K	(YEARS)		Ĺļ	Ļ	Ľ		بلّ	<u>l</u> ä
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	4	X	\$500	M							
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M							
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	М							
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M						İ	
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M							
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	x	\$860	М						Í	
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	'М	-						
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	М							
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M.							
91	-	Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	x	\$237	М							
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92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M	1			ŀ			
93		Monitoring	Recovery Monitoring	X			\$125	М				İ			
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	М				!			
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				М			l		-		
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96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M							-
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X		X	\$180	93 - M							
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X		X	\$250	М						ļ	
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X		X	\$509	М							
100	Y1 1	Minimize Incidental Take				"			· ·						Ì
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		x	х	\$200	М	1						

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3 Multiple Resources	Habitat Protection	Habitat Modelling	X	X :	X \$150	М							
14	Habitat Protection	Riparian Habitat Assessment	X			М							-
5	Habitat Protection	Stream Channel Capability Modeling	X			М		- 1					-
06	Habitat Protection	Stream Habitat Assessment	X	X :	X \$361	93 - M							-
7	Habitat Protection	Valdez Hazardous Waste Collection	X		\$200	1							
8	Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X \$276	93 - M							-
9	Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X \$100	M							
0	Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X \$750	M							
1	Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X \$111	1							-
2	Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X	1							
3	Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X	1							
4	Habitat Protection and Acquisition	Valdez Duck Flats	Х			1							1
5	Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X	\$20	1							
6	Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X	1							
7	Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X \$250	1							
	Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X		\$3,500	1							
9	Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X \$200	1							
0	Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X \$77,000	1	_ ,						
1	Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X	\$90	1	X						
2	Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X	\$60	1	X						
3	Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X	\$400	1	X						
4	Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X	\$80	1	X			T	i		
25	Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X	\$740	1	X						
26	Habitat Protection and Acquisition	Habitat Acquisition	X	X	X \$25,000	93 - 1							
27	Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X \$112,500	) 1			-				

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Homer, Alaska 99603

#### 1994 POTENHAL PROJECT TITLES

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28 Multiple Res		Habitat Acquisition, Kodiak Island		X	\$20,000	1		-1				
29	Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island		X	\$4,000	1						
30	Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition		X	\$1,000	1		1				
31	Increase Natural Food Supply	Residence in the property of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state						1				
32	Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	x x	\$50	М		i				
33	Intensify Management	Genetic Risk Assessment of Injured Salmonids	x	x x	\$408	М						
34	Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	x	1	\$200	М						
35	Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	x		\$40	М						
36	Intensify Management	Seabird Colony Restoration	x	x x	\$250	М						
37	Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	x		\$250	М	İ					
38	Monitoring	Shoreline Worm Life Monitoring	x	x x	\$388	М						
39	Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	x	x x	\$416	М	X	X	-			
0	Option Not Identified	Alaska Land and Wildlife Conservation Fund	X	XX	one billion	M			1			
1	Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	XX	\$280	М						
2	Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	x x	\$7	М						
3	Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	x x	\$650	1						
4	Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	XX	\$48	М						
5	Option Not Identified	Shoreline Assessment	X	x x	\$250	93 - M		1				
6	Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study		X	\$28	М		i				
7	Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	XX	\$500	93 - M		İ				
8	Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X	\$800	М		1				
9	Recovery Monitoring .	Full Funding for Oil Spill Recovery Institute	X	x x	\$2,300	1			1			
0	Recovery Monitoring	Injured Resource Food Supply	X	x x	\$850	М						
1	Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	x x	\$500	М		1				
2	Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X	\$600	М			1			
3	Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X.		\$80	М						
1	Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	x x	\$150	М	1	İ	1			
5	Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	x x	\$100	М						
6	Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	XX	\$200	М	×	47	K 3	X		
57	Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X		\$35	М	-					



Name:	Homer, Alaska 99000
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#### 1994 POTENTIAL PROJECT TITLES

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158 Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X		\$9	M						
159	Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	x :	X \$27	5 93 - M						
160	Reduce Disturbance by Field Presence											
161	Reduce Disturbance Through Public Info	Public Information and Education	X	X	X \$31	6 M						
162	Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X \$50	M						
163	Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X :	X \$50	0 <b>M</b>			١.			
164	Restoration Monitoring	Ecosystem Study	X	X :	X \$6,0	00 M		.				
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65 Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X	١	\$20	5 M				1. 1		
166	Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X		\$40	0 М						
167	Intensify Management	PWS Herring Tagging Feasibility Study	X		\$11	2 M					1	
168	Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X		\$18	9 M						
169	Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X		\$60	) М					-	
170	Option Not Identified	Enhancement of Pacific Herring	X	X	X \$12	0 M				1		
171	Restoration Monitoring	Santana Canada da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara da Cara d			1					1.	į	
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172 Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X \$40		1 1			1.		
173	Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X \$18	0 M	. .			.} . }.		
174	Restoration Monitoring						1		}			
175	Temporary Predator Control		-				.  .					
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## Cook Inlet Seiners, Inc. Box 4311

Name:	Hom	er,	Alaska	99603
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#### 1994 POTENTIAL PROJECT TITLES

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176 Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	x x	\$25	М						
177	Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration		X	\$28	1						
178	Fish Passes and Access	Otter Creek Fish Pass	X		\$130	1						
179	Fish Passes and Access	Pink Creek Pink Salmon Restoration		X	\$11	1						
180	Fish Passes and Access	Sockeye Creek Fish Pass	X		\$60	1						
81	Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement		X	\$55	1						
182	Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	x x	\$727	М	XX	< ×	X	X		
183	Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X		\$495	М						
184	Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X		\$855	М						
85	Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X		\$500	М				İ		
86	Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X		\$253	М						
87	Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	x x	\$152	М	He V	A	X	1		
88	Intensify Management	Pink Salmon Escapement Enumeration	X	XX	\$705	М	XV	2 4	VI	2 9	V	V
89	Intensify Management	PWS Salmon Stock Genetics	X		\$150	М				//	1	
90	Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X		\$66	М			Li			Li
91	Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X	\$686	М	X	1				
92	Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X	\$899	М			-			
93	Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X		\$141	М						
94	Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X		\$385	93 - M						
95	Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X		\$50	М						
196	Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	XX	\$300	М	× 3	< +	×			
97 Recreation		Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak	1	x x	\$1,250	М						
198	Establish Marine Environmental Institute	THE REPORT AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P	1	XX		1		-13		F		
199	Establish Marine Environmental Institute	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1	XX		1						
200	Habitat Protection and Acquisition	17(b) Easement Identification-Public Access		XX	-	М					1	
201	Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	XX	\$500	M						

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	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	GIÇ K	2000	EST.	EST. DURATION	1 9 9	1 9	1 1 9 9	1 9	1 9	2 0 0	2 0 NO 0
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202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			x	\$500	1 -		Ī	Ī	Ī	Ī		
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1	Į						
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	М	Ì						
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	x	x	X	\$100	М	ĺ		-		Ì		
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	x			\$58	М				Ì			
207		Monitoring	Recreation Field Management and Monitoring	x	x	X	\$700	М							
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1							
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	х			\$20	1							
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	М							
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1							
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1							
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	x	\$150	M							
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1					]		
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	 X			\$250	1							
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1							
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	 X			\$400	М	ĺ						.
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	М	į						_
219		Option Not Identified	Watchable Wildlife	 X	X	X	\$65	М	-	.					
220		Option Not Identified	Increased Access PWS	 X			\$100	М							_   '
221		Plan Commercial Recreation Facilities	Recreation Development	 X	X	X	\$200	M	-						
222	•	Restoration Monitoring							- 1						1
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	 X	x	X	\$77	M							
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	 X			- 1	1							
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	 X	X	X	\$310	М							
226		Visitor Center	Cordova Environmental Education Center	 X			\$15	1							
227		Visitor Center	Cordova Mini-Imaginarium	 X			\$63	1							
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	x	X	\$155	М							
229		Visitor Center	Environmental Education Center in PWS	x			\$90	1							
230	· · · · · · · · · · · · · · · · · · ·	Visitor Center	Environmental Learning Resource Center	x	x	x	\$90	1				1			
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	 х			\$450	1							

PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet, KOD=Kodiak Archipelago and Alaska Peninsula, OUT=Outside Oil Spill Area

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#### 1994 POTENTIAL PROJECT TITLES

34,33	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	F	₹EG	ION	EST,	EST.	1	,	1 1		1	, .	γ
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44,7%	SERVICE	SUBOPTION		<i>31</i> , 1	N	D	\$K	(YEARS)	1	5	6 7	8	9	0 1	Ę
232	Recreation	Visitor Center	Information Center	;	x x	ďΧ	\$600	1			ŀ				
233		Visitor Center	Interpretation of PWS	;	×		\$10	М							
234		Visitor Center	Maritime Wing Valdez Museum	;	x	-	\$150	1		-		1			
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta		x		\$150	. 1							
236		Visitor Center	Valdez Visitor Center	;	x		\$850	1							
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l															
					-										
1	River Otter	Monitoring	River Otter Recovery Monitoring	,	<b>x</b>		\$180	· M							
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS		X		\$40	М							
239		Restoration Monitoring		İ					ļ		ļ				
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks		x   >	( X	\$99	1	.					-	
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	Danista.														
i		Intensify Management	Develop a Rockfish Management Plan		x   >	9 .	\$175	М		. [					
242	1	Monitoring	Monitoring Injury to Rockfish in PWS		×		\$117	M	1						
243		Monitoring									ŀ			-	
1	· · · · · · · · · · · · · · · · · · ·					+							-		
244	Sea Otter	Cooporative Prgm-Subsistence Users		-		-	٠.								
244		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas		x >	. X	\$83	M							1
245		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	;		( x		M			-				
247	a comment	Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters				1	M							
248		Monitoring	Sea Otter Population Dynamics		$\langle \rangle$	( X	\$291	93 - M					-	1	
249		Restoration Monitoring	oca Ottor i oparation dynamics	+ + + .	` '	` ^	ΨΕσι	JU IVI			1	-			
L-73	<u> </u>	Trestoration Mornoring			L_	ــــــــــــــــــــــــــــــــــــــ	L					. 1			

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#### 1994 POTENTIAL PROJECT TITLES

Page 12

RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RI	GIO	N EST.	EST.			T, T	, ,	, 8
or	OR		Р	1		DURATION	9 9	9 9	9	9 0	0 0
SERVICE	SUBORTION		S	E N	\$K	(YEARS)	4 5	6 7	8	9 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
250 Sea Otter	Study: Eliminate Oil from Mussel Beds	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon			198731						
601		water a manufacture of the control and providers and a tax out of the second									
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N. S.											
251 Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X		\$120	М					
252	Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X	\$333	М					
253	Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X \$275	М					
254	Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X	\$500	93 - M					
255	Intensify Management	Kenai River Sockeye Salmon Restoration		X	\$1,000	93 - M					
256	Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X	\$143	M	XX	XX			
257	Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		- iki	X \$6	М					
258	Monitoring	Sockeye Salmon Overescapement		X	X \$641	93 - M					
259	Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X		\$165	93 - M					
260	Option Not Identified	Red Lake Salmon Restoration			X \$72	М					
5-8-		the British State (1974) and Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control			The state of	1812 Mg 182			11		
and the same		·									
261 Sport Fishing	Recovery Monitoring									1	
262	Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X	\$4,200	1					
263	Restoration Monitoring	The particular of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o									
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100		was after A compared by the part of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of									
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264 Subsistence	Access to Traditional Foods	A SHARE WAS ASSETTING						-			
	Bivalve Shellfish Hatchery										
265	Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)		-	\$200	M	-	+			
266 267	THE RESERVE THE STREET STREET, THE	The same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the s			100 miles (100 miles of	1 M					
201	Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	A \$300	1					

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Cook Inlet Seiners, Inc.

Name:\_

Phone:

Box 4311 Homer, Alask**a** 99603

#### 1994 POTENTIAL PROJECT TITLES

	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	RE	:GIC	NC	EST.	EST.	1		1 1	1	1	2 2	β
	or SERVICE	SUBOPTION	programme to the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	P W S	ε K	О D	COSTATA SK	DURATION (YEARS)	9 4	9 9 5	9 9 9 9 6 7	9 8	9 9	0. 0 0 0 0 1	Not Fund
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	χĺ	\$2,200	1			1	1			
269		Option Not Identified	Seward Shellfish Hatchery	x	х	X	\$1,300	1						1	
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	x	х	x	\$700	М					•		
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	x		1	\$50	М	-						
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	М							
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery .		x		\$2,500	1							
274	•	Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1							
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	x	x	\$55	м							
276		Restoration Monitoring													
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	x	x	\$589	М							
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	x	X	\$300	М					!		
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	x	x	\$308	93 - M		į.		-			
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200	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	¥	v		\$110				İ	}			
281	Cubildui	Intensify Management	PWS Spot Shrimp Recovery Management Plan	X.	^		\$715	M						-	
282		Monitoring	PWS Spot Shrimp Survey	X	<b>.</b>		\$90	м	ļ	-	. [-		-  .		1
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	x	X	\$275	м -							
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X		}	\$265	93 - M	İ						
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	Х	х	Х	\$390	М	1	1	Ì	1			
286		Monitoring	Subtidal Recovery Monitoring	х	х	X	\$400	М	1	*					1 1
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	Х	X	X	\$90	м		-				-	1 1
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288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	x	X	\$450	М.						İ	
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X		<u>_</u> ]	\$75	М			10 A				

Name: Homer, Alaska 99663

	RESOURCE or SERVICE	RESTORATION OPTION  or  SUBOPTION	POTENTIAL PROJECTS	R P w s	EG K E N	K O D	EST. COST/YR \$K	EST: DURATION (YEARS)	1 9 9 4	1 1 9 1 9 9 9 9 5 6	9 7	1 9 9	1 2 9 0 9 0	2 0 00 Fund
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	x	\$105	93 - M	Ī					
291	•	Administration	Toxicological Profile of PWS	X			\$150	М						
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	x	\$8	М						
293		Public Information	Database Integration	X	X	x	\$148	М					- 1	
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	x	×	$ \mathbf{x} $		М						
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	М						1 1
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	$ \mathbf{x} $	\$100	М						
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	М						
					-									