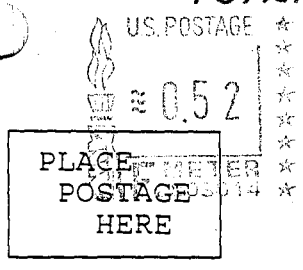


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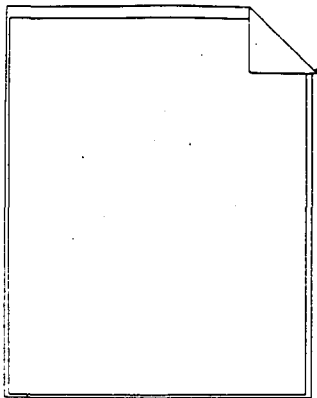
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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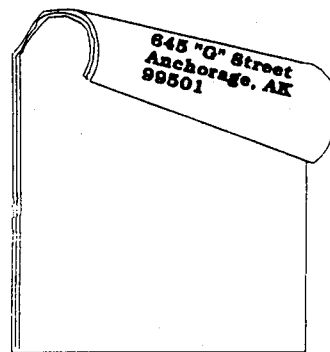
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TRUSTEE COUNCIL

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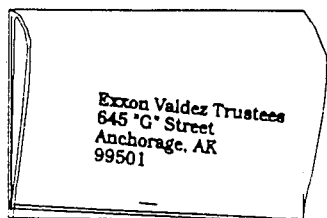
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD



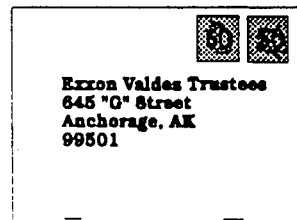
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Name: Steven K. Davis
Phone: 562-3339

1994 POTENTIAL PROJECT TITLES

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PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M	✓								
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M	✓								
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M	✓								
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M	✓								
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M	✓								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									

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				P	K	K			9	9	9	9	9	9	0	0	
42	Common Murre	Restoration Monitoring						M									
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M									✓
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M									
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1									✓
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M									
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1	✓								
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M	✓								
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M									
54		Public Information	PWS Brochures	X			\$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M									
56		Public Information	PWS Large Format Photographic Book	X			\$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M									
58		Public Information	PWS Video Programs	X			\$100	M									
59		Public Information	Science of the Sound- Education Program	X			\$53	M	✓								

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M									
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M									
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M									
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	✓								
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1	✓								
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M	✓								
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M	✓								
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1	✓								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1	✓								
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1	✓								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1	✓								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1	✓								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1	✓								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1	✓								
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1	✓								
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	✓								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									✓

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

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				P	K	K			9	9	9	9	9	9	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	X	\$275	93 - M	✓								
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M	✓								
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M	✓								
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	0 2
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1	✓								
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1	✓								
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1	✓								
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									

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

Name: _____
 Phone: _____

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	De Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									✓
233		Visitor Center	Interpretation of PWS	X			\$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1	✓								
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1	✓								
236		Visitor Center	Valdez Visitor Center	X			\$850	1	✓								
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M									✓
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									✓
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															✓
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M									
249		Restoration Monitoring															

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBORTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M	✓								
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M	✓								
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M	✓								
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1	✓								

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									✓
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M	✓								
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M									✓
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M	✓								
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M									✓
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M									
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M									
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	✓								
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M									
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M									✓
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M	✓								
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M	✓								

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1994 POTENTIAL PROJECT TITLES

[illegible]

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93=Funded in 1993 M=Multi-year Project

PLEASE REPLY TO:

1031 WEST 4TH AVENUE, SUITE 200
ANCHORAGE, ALASKA 99501-1994
PHONE: (907) 269-5100
FAX: (907) 276-3697

KEY BANK BUILDING
100 CUSHMAN ST., SUITE 400
FAIRBANKS, ALASKA 99701-4679
PHONE: (907) 451-2811
FAX: (907) 451-2846

P.O. BOX 110300 - STATE CAPITOL
JUNEAU, ALASKA 99811-0300
PHONE: (907) 465-3600
FAX: (907) 463-5295

DEPARTMENT OF LAW

OFFICE OF THE ATTORNEY GENERAL

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OCT 02 1995

May 10, 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

David C. Cobb
Valdez Fisheries Development Association Inc.
P.O. Box 125
Valdez, Alaska 99686

Dear Mr. Cobb:

0063940514
RECEIVED
MAY 14 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

Governor Hickel has requested that I reply to your letter of April 16, 1993. The criminal restitution funds appropriated in HB 269 and SB 183 are not intended to address all of the injuries suffered in Prince William Sound. The criminal restitution funds as well as the civil funds must be used for the restoration of natural resources injured by the oil spill and the services provided by those resources. Restoration includes all phases of injury assessment, restoration, replacement, and enhancement of natural resources, and acquisition of equivalent resources and services.

The substantial majority of the restoration work will be accomplished with the civil trust funds. The criminal funds are to a large degree intended to address restoration projects which may not be adequately addressed with the civil trust funds. Because of the substantial commitment of civil funds by the Trustee Council to the Prince William Sound fisheries, there is less need to supplement those funds with the criminal funds in Prince William Sound.

Some of the projects and studies you propose such as the wild stock pink salmon studies are ongoing restoration projects. Others such as the spotted shrimp study have already been completed. Spotted shrimp was the shellfish species selected for study because biologists considered it to be the most likely to demonstrate oil spill injury. The genetic stock identification study was deferred in 1993 for further consideration in 1994.

In evaluating the portion of EXXON VALDEZ oil spill funds spent in Prince William Sound you should also consider that \$20.7 million of the Alyeska settlement proceeds are allocated for oil spill response projects in Prince William Sound, an amount by far larger than that for any of the other spill areas.

May 10, 1993
David C. Cobb

Page 2

I am referring your letter to Dave Gibbons, interim administrative director for the Trustee Council, for consideration of your proposed project to rebuild the two damaged raceways at the Solomon Gulch Hatchery as well as your other proposals.

Thank you for your letter and interest.

Sincerely,

CHARLES E. COLE
ATTORNEY GENERAL

By: 
Alex M. Swiderski
Assistant Attorney General

AMS:akb

cc: Dave Gibbons ✓

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF THE COMMISSIONER

P.O. BOX 107005
ANCHORAGE, ALASKA 99510-7005
PHONE: (907) 762-2483

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OCT 02 1995

**EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD**

May 20, 1993

0139940521
RECEIVED
MAY 21 1993

**EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL**

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

Dear Work Group Members:

Thank you for opportunity to comment on the Potential Restoration Projects for the Exxon Valdez Oil Spill (EVOS) 1994 Work Plan.

The Department of Natural Resources (DNR) supports the projects which have been proposed and supported by DNR in preceding years. Several are cooperative projects coordinated between agencies and private groups, which we believe best serve the injured resources and services of Prince William Sound and the general spill area. We have limited knowledge on many projects suggested for the 1994 EVOS Work Plan. Although the project titles may represent a good idea, the actual proposed project may include actions that DNR cannot support. Therefore, we are only in a position to recommend funding for projects that have been submitted to the EVOS Trustees by DNR or that we have reviewed. In the process of reviewing the project titles, we did notice that there appears to be some duplication of project intentions within the Potential Project List. As a suggestion, perhaps a consolidation of projects with similar objectives, such as public education, would be more efficient and cost effective.

DNR supports efforts to assure improved access, either by acquisition or assertion of existing rights. Access often is the limiting factor to enjoying and utilizing the numerous resources within the spill area. In addition, DNR supports strategic and appropriate use of funds for land acquisition, but we urge the Trustees to recognize that any acquisition should account for administrative responsibilities necessary to manage those lands. This might include: resource inventory, classification, public

notice and enforcement activities.

Proposed projects in categories of archaeology, mariculture, recreation, and habitat acquisition will expand State services and workload beyond the level currently funded

under our operating budget. The Trustees should consider these costs in the projects.

The projects we support are as follows:

Recreation:

Acquisition of Important Recreation Lands
Acquisition of Recreational Sites on Kodiak Road System
17(b) Easement Identification - Public Access
Increased Access to PWS
Land Exchange Shuyak for Kodiak Land on Road System
Public Use Cabins in State Marine Parks
Recreation Field Management and Monitoring

Habitat Acquisition:

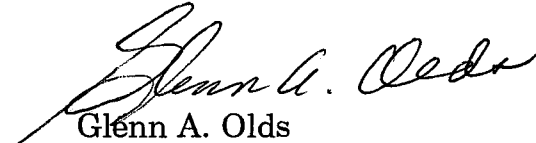
Acquisition of Inholdings or Easements in Shuyak Island State Park

Archaeology:

Site-specific Archaeological Restoration - Interagency
Archaeological Site Protection - Public Education - Interagency
Archaeological Site Protection - Site Patrol Monitoring - Interagency
Archaeological Site Stewardship Program

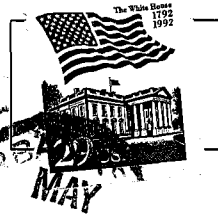
We will comment further on the Restoration Plan at a later date.

Cordially,


Glenn A. Olds
Commissioner

cc: Ron Swanson, Division of Land
Neil Johannsen, Division of Parks and Outdoor Recreation

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

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OCT 02 1995

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

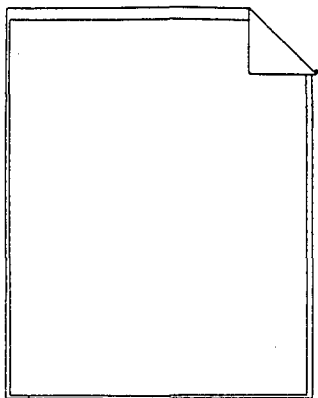
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EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

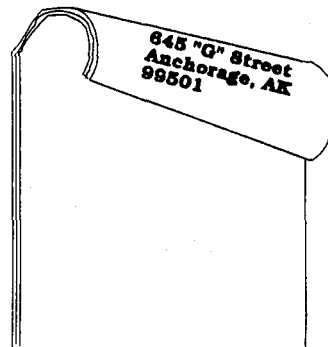
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EXXON VALDEZ TRUSTEES
645 "G" STREET
ANCHORAGE, AK 99501

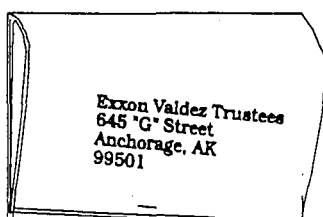
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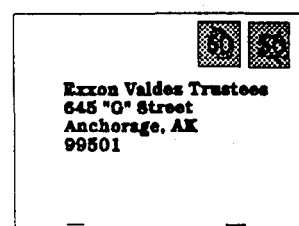
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Name: D. H. Dasher
 Phone: 497-8547

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M	X		X						
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1	X		X						X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M	X		X						
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M	X								X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M	X		X		X		X		X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M									X
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	X	X	X	X	X	X	X	X	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M	X	X	X	X	X	X	X	X	
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M	X	X	X	X	X	X			
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M	X	X	X	X	X	X			

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1994 POTENTIAL PROJECT TITLES

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				P	K	K			9	9	9	9	9	9	0	0	
				S	N	D			4	5	6	7	8	9	0	1	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M	X	X	X						
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M									X
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1	X								
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M	X	X	X	X	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	X	X	X	X				
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M	X	X	X	X	X				
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M	X	X							
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M	X	X							
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M	X	X							
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									X
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M	X	X	X						
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M	X		X		X				
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M	X	X	X	X	X				
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M	X	X	X						
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									X

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				P	K	K			9	9	9	9	9	9	0	0	
42	Common Murre	Restoration Monitoring						M									
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M	X	X	X						
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M	X								
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M	X	X	X	X					
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M									X
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1									X
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M	X								
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1	X								
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M	X								
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M	X								
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M	X								
54		Public Information	PWS Brochures	X			\$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M									
56		Public Information	PWS Large Format Photographic Book	X			\$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M									X
58		Public Information	PWS Video Programs	X			\$100	M									X
59		Public Information	Science of the Sound- Education Program	X			\$53	M	X								

Name: _____
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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	X	X	X	X					
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M	X	X	X	X					
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	X	X	X	X					
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	X	X	X	X					
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	X	X	X	X					X
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M	X	X	X	X					
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M	X	X	X	X		X		X	
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M	X	X	X	X		X		X	
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M	X	X	X	X		X		X	
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M	X	X	X	X		X		X	
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M	X	X	X	X		X		X	
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	X	X	X	X		X		X	
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M	X	X	X	X		X		X	
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M	X	X	X	X		X		X	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M	X	X	X	X		X		X	
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M	X	X	X	X		X		X	
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M	X	X	X	X		X		X	
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M	X	X	X	X		X		X	

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

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				P	W	K			9	9	9	9	9	9	9	0	0	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	X	X								
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M	X	X		X						
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M	X	X		X	X					
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M	X	X		X						
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M	X	X	X		X					
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1	X									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M	X	X		X						
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M	X	X								
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M	X	X								
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1										X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1										X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1										X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1										X
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1										X
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1										X
117		Habitat Protection and Acquisition	Kitoy Bay Hatchery Watershed Habitat Acquisition			X	\$250	1										X
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1										X
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1										X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1										X
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1										X
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1										X
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1										X
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1										X
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1										X
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1										X
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1										X

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

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				P	K	K			9	9	9	9	9	9	9	0	0	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M	X	X	X	X						
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M	X	X	X	X						
160		Reduce Disturbance by Field Presence																
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M	X	X	X	X						
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M	X	X	X	X						
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M	X	X	X	X						
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M	X	X	X	X						
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M	X	X	X							
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M	X	X	X							
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M	X	X	X							
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M	X	X	X							
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M	X	X	X							
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M	X	X	X							
171		Restoration Monitoring																
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M	X	X	X	X						
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M	X	X	X	X						
174		Restoration Monitoring																
175		Temporary Predator Control																

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M	X								
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M	X								
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M	X								
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M	X	X							
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1	X	X							
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M	X	X							
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1	X								
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M	X	X							
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1	X								
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1	X								
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1	X								

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1	X								
233		Visitor Center	Interpretation of PWS	X			\$10	M	X								
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1	X								
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1	X								
236		Visitor Center	Valdez Visitor Center	X			\$850	1	X								
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	X	X	X	X					
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M	X	X	X	X					
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1	X								
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M	X	X	X						
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M	X	X	X						
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	X	X	X	X	X	X			
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M	X	X	X	X	X	X			
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M	X	X	X	X	X	X			
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M	X	X	X	X	X	X			
249		Restoration Monitoring															

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				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M	X								
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M	X								
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M	X								
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M	X								
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									X
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M	X								
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M	X								
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M	X								
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M	X								
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									X
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									X
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M	X	X	X						
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M	X								
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M	X								
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M	X								
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unopened Areas	X	X	X	\$55	M	X								
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M	X								
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M	X								
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M	X								
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M	X	X	X	X					
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M	X	X	X	X					
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M	X	X	X	X					
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M	X	X	X	X					
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	X	X	X	X					
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M	X	X	X	X					
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M	X	X	X	X					
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M	X	X	X	X					
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M	X	X							
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M	X	X							

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1994 POTENTIAL PROJECT TITLES

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				P	K	K			9	9	9	9	9	9	0	0	
				S	EN	D			4	5	6	7	8	9	0	1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M	X	X	X	X					
291		Administration	Toxicological Profile of PWS	X			\$150	M	X	X	X						
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M	X	X	X						
293		Public Information	Database Integration	X	X	X	\$148	M	X	X	X						
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	X	X	X						
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M	X	X	X						
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M	X	X	X						
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M	X	X	X						

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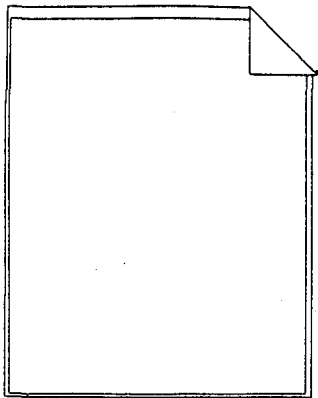
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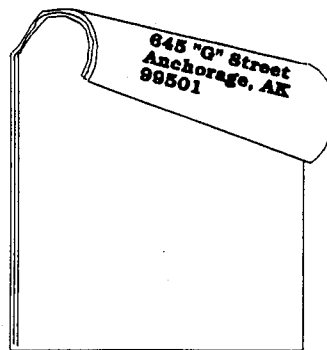
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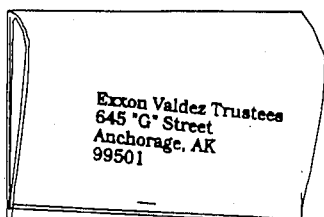
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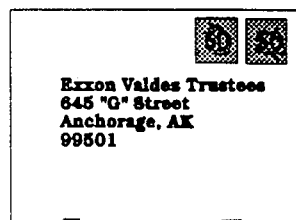
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NOT REALLY ENOUGH INFO FOR PROPOSED PROJECTS

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1994 POTENTIAL PROJECT TITLES

Page 1

Oil Spill related?

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									X
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M									X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M						X	X	X	
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	X	X	X	X	X	X	X	X	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M	X	X	X	X	X	X	X	X	
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M	X	X	X	X	X	X	X	X	

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1994 POTENTIAL PROJECT TITLES

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M									X
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M	X	X	X	X	X				
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M						X	X	X	
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M	X	X	X	X	X	X			
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M	X	X	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	X	X	X	X				
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M									X
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M									X
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M	X	X	X						
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M									X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									X
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									X
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M									X
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M	X	X	X	X	X	X	X	X	
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M	X	X	X	X					
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									X

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				P	K	K			9	9	9	9	9	9	9	0	0	
42	Common Murre	Restoration Monitoring						M										
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M										X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M										X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M										X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M										X
47		Restoration Monitoring						M										
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1										X
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M	X	X	X	X	X	X	X	X	X	X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1			X							
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M						X	X	X	X	
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M					X	X	X	X		
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M					X	X	X	X		
54		Public Information	PWS Brochures	X			\$65	M										X
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M										X
56		Public Information	PWS Large Format Photographic Book	X			\$100	M										X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M										X
58		Public Information	PWS Video Programs	X			\$100	M										X
59		Public Information	Science of the Sound- Education Program	X			\$53	M				X	X	X	X	X		

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				P	K	K			9	9	9	9	9	9	0	0	
60	Harbor Seal	Cooperative Program-Fishermen					100 K	M	X	X	X	X	X	X	X	X	
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M									X
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M	X	X	X	X	X	X	X	X	
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	X	X	X	X	X	X	X	X	
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	X	X	X	X	X	X	X	X	X
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									X
	HARLEQUIN	Restoration Monitoring	HARLEQUIN DUCK POPULATION AND BROOD SURVEYS	X			100		X	X	X	?					
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment- Intertidal Algae	X	X	X	\$620	M									X
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									X
77		Monitoring Comprehensive?	Coastal Habitat Comprehensive Intertidal Monitoring Program - Define	X	X	X	\$500	M	X	X	X	X	X	X	X	X	X
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait	X	X	X	\$200	M									X
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									X
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									X
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									X

\$350 K max

3 to much \$\$\$

1st year, subsequent years, prob. 50K

if defined

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M									X
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M				X	X	X	X	X	X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M					X	X	X	X	X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M				X	X	X	X	X	X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1				X					X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M	X	X	X	X					X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									X
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge	X	X		\$111	1	X								X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									X
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1	X								X
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									X
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1				X					X
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1				X					X
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1		X							X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									X
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									X
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									X
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									X
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									X
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									X
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	X								X
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									X

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

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									X
160		Reduce Disturbance by Field Presence	~~Redundant~~														X
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species ~~Redundant~~	X	X	X	\$50	M									X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									X
164		Restoration Monitoring	Ecosystem Study ~~VAGUE~~	X	X	X	\$6,000	M									X
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									X
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									X
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M	X	X	X	X	X	X	X	X	X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M	X	X	X	X	X	X	X	X	X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									X
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M	X	X	X	X	X	X	X	X	X
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									X
174		Restoration Monitoring															
175		Temporary Predator Control															

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

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									X
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									X
220		Option Not Identified	Increased Access PWS	X			\$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									X
222		Restoration Monitoring															X
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1			X						X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1					X				X

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				P	K	K			9	9	9	9	9	9	9	0	0	
				S	E	O			4	5	6	7	8	9	0	0	1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1										X
233		Visitor Center	Interpretation of PWS	X			\$10	M										X
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									X	
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1						X				
236		Visitor Center	Valdez Visitor Center	X			\$850	1										X
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	X	X	X	X	X	X	X	X	X	
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M										X
239		Restoration Monitoring																
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1										X
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M										X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M	X	X	X	X	X	X	X	X	X	
243		Monitoring																
244	Sea Otter	Cooperative Prgm-Subsistence Users																
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M				X	X	X	X	X	X	
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M	X	X	X	X	X	X	X	X	X	
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M	X	X	X	X	X					
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M	X	X	X	X	X	X	X	X	X	
249		Restoration Monitoring																

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				P	K	K			9	9	9	9	9	9	0	0	Not
				S	N	O			4	5	6	7	8	9	0	1	Fund
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															X
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1		
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1										
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1										
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M										
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M										
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M										
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1										
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1										
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M										
276		Restoration Monitoring																
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M										
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M										
279	Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M											
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M				X	X	X	X			
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M										X
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M	X	X	X	X	X	X	X	X	X	X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M	X	X	X	X	X	X	X	X	X	X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	X	X	X	X	X	X	X	X	X	X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M	X	X	X	X	X	X	X	X	X	X
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M	X	X	X	X	X	X	X	X	X	X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M										
			scientific data - yes															
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M										X
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M	X	X	X	X	X	X	X	X	X	X

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M	X	X	X	X	X	X	X	X	
291		Administration	Toxicological Profile of PWS	X			\$150	M	X	X	X	X	X	X	X	X	
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M	X	X	X	X	X	X	X	X	
293		Public Information	Database Integration	X	X	X	\$148	M	X	X	X	X	X	X	X	X	
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									X
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									X
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									X
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									X

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

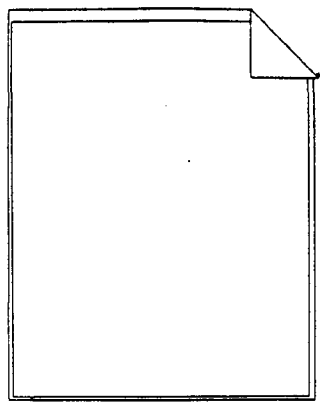
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EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

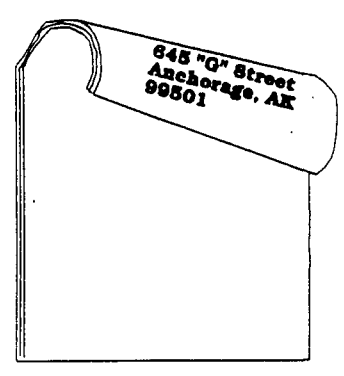
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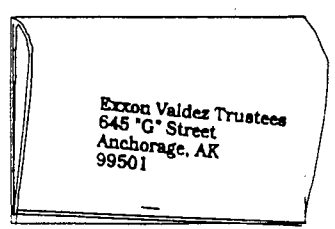
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Anchorage, AK
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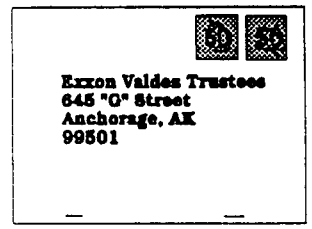
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Name: R.G. DRAGENICH
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

Page 1

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/yr K	EST. DURATION YEARS	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									X
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M	X								
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M									X
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	X								
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M									X
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M	X								
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M	X								

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M									X
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M									X
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M									X
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1									X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M									X
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M									X
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M									X
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M									X
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M									X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									X
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									X
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M									X
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M	X								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M									X
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									X

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1		
42	Common Murre	Restoration Monitoring						M										
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M										X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M										X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M										X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M										X
47		Restoration Monitoring						M										X
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1	X									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M										X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1										X
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M										X
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M										X
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M										X
54		Public Information	PWS Brochures	X			\$65	M										X
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M										X
56		Public Information	PWS Large Format Photographic Book	X			\$100	M										X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M										X
58		Public Information	PWS Video Programs	X			\$100	M										X
59		Public Information	Science of the Sound- Education Program	X			\$53	M										X

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1994 POTENTIAL PROJECT TITLES

Page 4

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M									X
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M									X
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									X
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M	X								
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M	X								
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M	X								
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	X								
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M	X								
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M									X
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									X
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									X
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									X
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									X

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	X								
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									X
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									X
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									X
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									X
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									X
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1									X
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									X
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1									X
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1									X
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1									X
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									X
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									X
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									X
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									X
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									X
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									X
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1									X
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									X

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

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									X
160		Reduce Disturbance by Field Presence															X
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									X
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									X
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									X
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									X
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									X
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									X
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									X
174		Restoration Monitoring															
175		Temporary Predator Control															

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

Name: Bob Hagenich
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

	RESOURCE OR SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	DO NOT FUND
				P	K	K			9	9	9	9	9	9	0	0	
				S	N	O			4	5	6	7	8	9	0	1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									X
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									X
220		Option Not Identified	Increased Access PWS	X			\$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									X

Name: ROB DRAGNICH
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1 9 9 4	1 9 9 5	1 9 9 6	1 9 9 7	1 9 9 8	1 9 9 9	2 0 0 0	2 0 0 1	Do Not Fund	
				P W S	K E N	K O D												
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1										X
233		Visitor Center	Interpretation of PWS	X			\$10	M										X
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1										X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1										X
236		Visitor Center	Valdez Visitor Center	X			\$850	1										X
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M										X
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M										X
239		Restoration Monitoring																
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1										X
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M										X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M										X
243		Monitoring																
244	Sea Otter	Cooperative Prgm-Subsistence Users																
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M										X
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M										X
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M										X
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M										X
249		Restoration Monitoring																

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

Name: ROB DRAGNICH
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									X
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									X
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									X
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									X
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									X
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									X
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M	X								X
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									X
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									X
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									X
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									X

Name: ROB DRAGNICH
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	9	0	0	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1										X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1										X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M										X
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M										X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M										X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1										X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1										X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unopened Areas	X	X	X	\$55	M										X
276		Restoration Monitoring																
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M										X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M										X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M										X
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M										X
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M										X
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M										X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M										X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M										X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M										X
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M										X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M										X
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M	X									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M	X									

Name: ROB DRAENICH
 Phone: 345-7571

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M									X
291		Administration	Toxicological Profile of PWS	X			\$150	M									X
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M	X								
293		Public Information	Database Integration	X	X	X	\$148	M									X
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									X
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									X
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									X
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									X

6246 Trappers Trail
Anchorage, Alaska 99516
May 19, 1993

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

Enclosed are my responses to your April 19, 1993, request for public input to the 1994 program. As noted in your letter, it was difficult to comment on many of the projects because of the limited amount of information provided. I would also like to offer a few general observations about the program.

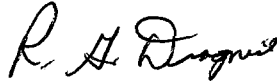
- It appears there are many cases of confusing "cause" with "coincidence" when relating the current state of the environment to impacts from the spill; e.g. under harbor seals it is noted that the population was declining prior to the spill and no recovery was evident in 1992. To the casual reader, this would appear to indicate that the spill had a serious impact on either the population or on the recovery of the harbor seals. If the population was declining prior to the spill, however, it was obviously due to some other cause. What was/is that cause? If it is still present, why would one expect recovery to be evident in 1992, regardless of whether the spill ever occurred?
- In many cases, there is an implication that the spill caused damage but the conclusions appear to be speculative.
- Many studies appear to be driven by the desire to perform studies vs actually assessing the impacts and recovery of the spill.
- Many projects, e.g. recreation, hatcheries, visitor centers, etc, appear to be driven by availability of funds rather than relationship to spill impacts and recovery.
- Few of the projects appear to be actually geared toward filling data gaps to allow assessing the state of the environment in the impacted areas.
- Fewer still appear to be geared to restoring or correcting damage.

My conclusion is that it is difficult, if not impossible, to identify resources that are still suffering from impacts. Further, given the level of effort to do so in the last four years, the remaining impacts must be small.

As a citizen, I question the appropriateness of using restoration funds for non-restoration work. If it is desired to view the settlement funds as a "windfall", which may be appropriate, it would be more appropriate for the State (Alaska Legislature) to direct the usage such that the entire State will benefit and not specific regions. This is analogous to spending other "windfalls" for the greater good of the State such as the revenue from oil leasing and production.

Thank you for the opportunity to comment.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'R. G. Dragnich'.

R. G. Dragnich

Enclosures

E

EVOS FISHERIES COALITION

May 6, 1993

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

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EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

Dear Trustees:

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

The EVOS Fisheries Coalition is a group of organizations from the Exxon Valdez Oil Spill area organized to secure funding (in the words of the Memorandum of Agreement and Consent Decree) "... to restore, replace, rehabilitate, enhance, or acquire the equivalent of the natural (fisheries) resources injured, lost or destroyed as a result of the Oil Spill...". It cannot be disputed that fisheries resources suffered greatly from the Spill. Consequently, projects related to fishery resources and to the lost services those resources provide to Alaska's commercial fishermen are not only justified under the terms of the August 28, 1991 Memorandum of Agreement (MOA), but should be considered a priority. The Coalition believes that these resources, and the needs of people economically dependent on them, have not been given adequate consideration thus far in the Trustee Council process. If due consideration is not given to the needs and problems associated with restoring, replacing and managing these resources, then commercial fishing interests must question the actions of the EVOS Trustees in meeting the real terms of the MOA.

The Coalition has been formed for the express purpose of responding to the Trustee's rejection of many fishery related project proposals. We are concerned that of the \$33.6 million approved by the Trustees in the 1993 work plan, only \$3.7 million was for fisheries related projects. We are alarmed that many fishery related research projects were rejected by the Trustees. For example, the refusal of the Trustees to fund herring monitoring and research projects in Prince William Sound appears to have been very short sighted in view of the catastrophic herring biomass shortfall and pathological symptoms observed this spring. How can any scientist or public official believe that there is no cause and effect relationship between the condition of these, or any other EVOS exposed, fish stocks and the oil spill?

The Coalition must question the logic behind the rejection of proposals for fisheries research as not being appropriate under the MOS. We find these actions to be incomprehensible. We understand the value of purchasing habitat critical to the productivity of marine resources, but the logic supporting the purchase of large blocks of land (some of which are not even located in the EVOS impacted area) as a replacement for lost marine resources absolutely escapes us, particularly if funding for such purchases leaves nothing for fisheries research.

As we express our concerns about the needs of Alaska's commercial fishing interests, we do so with the knowledge that the fisheries resources upon which we depend are a common property resource of

all Alaskans both existing and yet to be born. The utilization of these resources has been a source of sustenance and support for individual Alaskans, and for the many communities within which they reside, for eons. The complexity of managing these resources to provide the maximum benefit for the common good has been greatly complicated as a result of the Oil Spill. Fisheries management agencies must not only respond to increased management challenges caused by the known oil spill resource damage, but perhaps most importantly, they must be prepared to respond to fisheries oil spill damage that is not yet known. This cannot be done without provision for a long term, comprehensive fishery research program that addresses the needs of, and responds to the knowledge of, fishermen and ADF&G management biologists who have a vital relationship and responsibility to these resources.

We therefor propose for your consideration the creation of an EVOS Fisheries Research endowment or sinking fund in the amount of \$200 million. The fund could be administered by the Trustees through an organization consisting of representatives from local regional fisheries research boards composed of persons with a knowledge of local fisheries resources and the ecosystems within which they exist.

We, the representatives of the EVOS Fisheries Coalition, offer our support to you in addressing the directives of the MOA in a fair and equitable allocation of restoration funds. Please consider our concerns, our proposals and our rights as you address your responsibilities in regard to the EVOS damaged marine fishery resources of the state and the people and communities dependant on those resources.

Attached to this letter is a list of the commercial fishermen's groups that have expressed support for the efforts of the EVOS Fisheries Coalition, please address your response to each of these organizations.

Sincerely yours,

A. W. Hall

A. W. "Bill" Hall, Acting Coordinator
EVOS Fisheries Coalition

AWH/awh

cc: Arliss Sturgulewski
EVOS Fisheries Coalition member organizations

SUPPORTING MEMBER ORGANIZATIONS
of
THE EVOS FISHERIES COALITION

=====

Prince William Sound Aquaculture Corporation
P.O. Box 1110
Cordova, Alaska 99574
907-424-7511 FAX 907-424-7514
contact persons: Ken Adams or John McMullen
also
Bill Hall
P.O. Box 113769
Anchorage, Alaska 99511
276-2007 FAX 279-7913

United Cook Inlet Drift Association
P.O. Box 4649
Kenai, Alaska 99611
283-3600 FAX 283-3306
contact person: Theo Mathews

Northern District Setnetters Assn. of Cook Inlet
P.O. Box 1480
Anchorage, Alaska 99510
276-8222 FAX 276-6117
contact persons: Steve Braun or Dan Billman 562-2514 FAX 561-4621

Kenai Peninsula Fishermen's Assn.
34824 Kalifonsky Beach road, Suite R
Soldotna, Alaska 99669
262-2492 FAX 262-2898
contact person: Loren Flagg

Cook Inlet Aquaculture Assn.
HC2, Box 849
Soldotna, Alaska 99669
283-5761 FAX 283-9433
contact person: Tom Mears

Cook Inlet Seiner's Assn.
P.O. Box 4311
Homer, Alaska 99603
235-2656 FAX 235-2656
contact person: Chris Moss 235-2656 or 235-8053

North Pacific Fisheries Assn.
P.O. Box 796
Homer, AK 99603
235-6359
contact person: Chris Moss 235-2656 or 235-8053

Kodiak Regional Aquaculture Assn.
104 Center Ave., Suite 202
Kodiak, Alaska 99615
486-6555 FAX 486-4597
contact person: Larry Malloy

Area K Seiners Assn.

P.O. Box 2399

Kodiak, Alaska 99615

486-4686 FAX 486-7655

contact persons: Kelly Schactler
also

Chip Treinen

18011 Golden View Drive

Anchorage, Alaska 99516

346-2414 FAX 345-2417

Alaska Dragger's Assn.

P.O. Box 991

Kodiak, Alaska 99615

486-3910 FAX 486-6292

contact person: Al Burch

United Fishermen's Marketing Assn.

P.O. Box 1035

Kodiak, Alaska 99615

486-3453 FAX 486-8362

contact person: Jeff Stephan

Exxon Co USA
POB 240409
Anchorage AK 99524-0409

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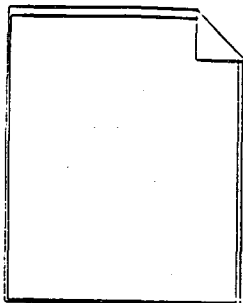
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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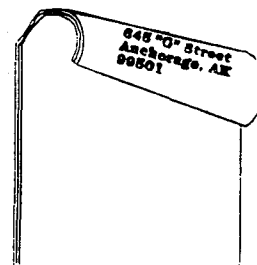
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

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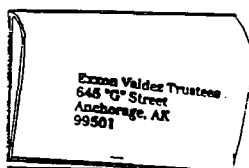
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



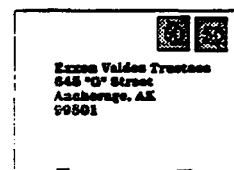
**Please Stack Your Comment
Sheets On Top Of This Page....**



**Fold This Page Over Your Comment
Sheets....**



**Then Staple or Tape Sheets
Together....**



Attach Correct Postage

Name: _____
Phone: _____

1994 POTENTIAL PROJECT TITLES

Page 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

Name: JOCELYN BARKER
 Phone: 345-2049

1994 POTENTIAL PROJECT TITLES

Page 2

NO.	RESOURCE	SUBSECTION	PROJECT TITLE	PWS	KEN	KOD	OUT	YEARS	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	29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Phone: _____

Jocelyn Barker
345-2049

1994 POTENTIAL PROJECT TITLES

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NO	RESOURCE SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION			COST	M	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	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 Phone: 345-2049

1994 POTENTIAL PROJECT TITLES

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345-2049

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

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RESOURCE		RESTORATION ACTION		POTENTIAL PROJECTS		P		R		E		O		D		Y		E		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O		D		O		U		S		I		A		L		S		K		O	
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Name: Jocelyn Barker
Phone: 345-2049

1994 POTENTIAL PROJECT TITLES

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LINE NO.	RESOURCE	RESTORATION OPTION	POTENTIAL PROJECTS	REGION			ESTIMATE	UNIT	FISCAL YEAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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1994 POTENTIAL PROJECT TITLES

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NO.	RESOURCE	RESTORATION ACTION	POTENTIAL PROJECTS	REGION			COST	TYPE	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	29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	RESOURCE	RESTORATION OPTION	SUB-SECTION	FEASIBILITY ANALYSIS	REGION			TOTAL COST	STATUS	FISCAL YEAR						
					P	R	D			1986	1987	1988	1989	1990	1991	1992
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	I								
178		Fish Passes and Access	Otter Creek Fish Pass	X			\$130	I								
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	I								
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	I								
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	I								
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	\$727	M								
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			\$495	M								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			\$855	M								
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			\$500	M								
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			\$253	M								
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	\$152	M								
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	\$705	M								
189		Intensify Management	PWS Salmon Stock Genetics	X			\$150	M								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	M								
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	M								
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	M								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	M								
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	M								
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	M								
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	M								
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	\$6,000	I								
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	\$40,000	I								
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	\$500	M								
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	\$500	M								

**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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RESOURCE			REVENUE			EXPENSE			TOTAL			FISCAL YEAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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NO.	RESOURCE SERVICE	RESTORATION OFFICE	SUBSECTION	POTENTIAL PROJECTS	REGION			EST. YEARS	FUNDING										STATUS	
					P	R	W		1994	1995	1996	1997	1998	1999	2000	2001				
232	Recreation	Visitor Center		Information Center	X	X	X	\$600	1											
233		Visitor Center		Interpretation of PWS	X			\$10	M											
234		Visitor Center		Maritime Wing Valdez Museum	X			\$150	1											
235		Visitor Center		Multi-agency Library on PWS and Copper River Delta	X			\$150	1											
236		Visitor Center		Valdez Visitor Center	X			\$850	1											
237	River Otter	Monitoring		River Otter Recovery Monitoring	X			\$180	M											
238		Monitoring		Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M											
239		Restoration Monitoring																		
240		Sport/Trap Harvest Guidelines		Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1											
241	Rockfish	Intensify Management		Develop a Rockfish Management Plan	X	X		\$175	M											
242		Monitoring		Monitoring Injury to Rockfish in PWS	X			\$117	M											
243		Monitoring																		
244	Sea Otter	Cooperative Prgm-Subsistence Users																		
245		Habitat Protection (Public Land)		Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M											
246		Monitoring		Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M											
247		Monitoring		Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M											
248		Monitoring		Sea Otter Population Dynamics	X	X	X	\$291	93 - M											
249		Restoration Monitoring																		

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NO.	RESOURCE	RESTORATION ACTION	POTENTIAL PROJECTS	REGION											
				PWS	KEN	KOD	OUT	1	2	3	4	5	6	7	8
250	Sea Otter	Study: Eliminate Oil from Mussel Beds													
251	Sockeye Salmon	Fish Passes and Access	Soll Lake Fish Pass	X				\$120	M						X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River	X				\$333	M						X
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon		X			\$275	M						X
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye	X				\$500	93 - M						X
255		Intensify Management	Kenai River Sockeye Salmon Restoration	X				\$1,000	93 - M						X
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement	X				\$143	M						X
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation		X			\$6	M						X
258		Monitoring	Sockeye Salmon Overescapement	X	X			\$641	93 - M						X
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X				\$165	93 - M						X
260		Option Not Identified	Red Lake Salmon Restoration			X		\$72	M						X
261	Sport Fishing	Recovery Monitoring													
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement	X				\$4,200	1						X
263		Restoration Monitoring													
264	Subsistence	Access to Traditional Foods													
265		Bivalve Shellfish Hatchery													
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X				\$200	M						X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X		\$300	1						X

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

Name:
Phone:

Jocelyn Barker
345-2049

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	RESOURCE or SERVICE	ALLOCATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST (\$K)	DURATION YEARS	FISCAL YEAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				1993	1994	1995			1996	1997	1998	1999	2000	2001	2002	2003	2004																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

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PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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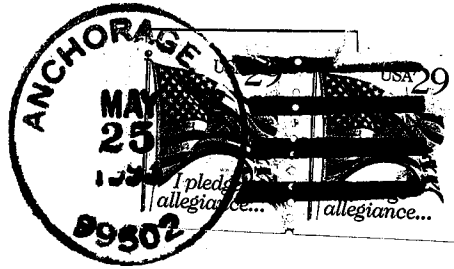
Name: _____
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1994 POTENTIAL PROJECT TITLES

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RESOURCE OF SERVICE	RESTORATION LOCATION	POTENTIAL PROJECTS	AP S	RE H	OD	LIST NO.	1 9 9 4	1 9 9 5	1 9 9 6	1 9 9 7	1 9 9 8	1 9 9 9	2 0 0 0	2 0 0 1	2 0 0 2

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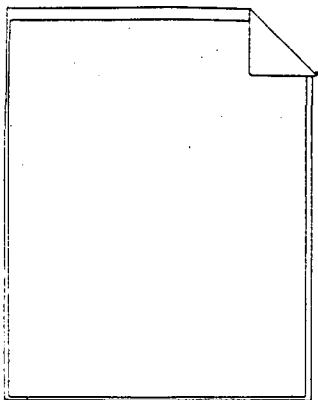
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

RECEIVED
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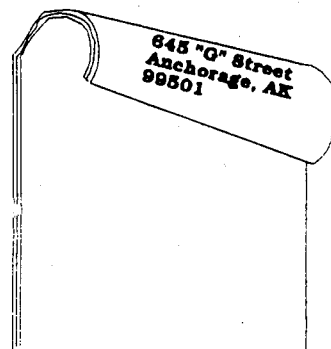
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

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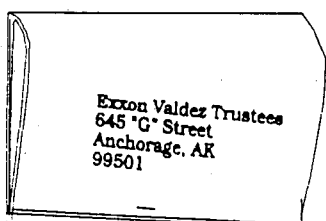
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



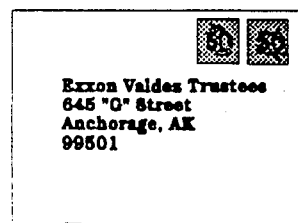
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Together....



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Name: Ben Fitzhugh
 Phone: (313) 764-0485

1994 POTENTIAL PROJECT TITLES

post-spill damage due to clean-up and vandalism as a result of increased exposure to humans. -emphasis should be on preservation Not Page 1 excavation and any artifact collection should only be made of artifacts completely out of site context. Public education is fundamental to site preservation.

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

only for threatened artifacts out of context.

The impact area is one of the richest regions in Alaska for archaeological sites and their preservation is fundamental to the protection of this valuable cultural heritage and scientific resource.

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration		X		\$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program			X	\$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	X	\$191	M								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	X	X	\$40	M								
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT				\$460	M								

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
42	Common Murre	Restoration Monitoring						M									
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M									
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M									
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M									
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M									
54		Public Information	PWS Brochures	X			\$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M									
56		Public Information	PWS Large Format Photographic Book	X			\$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M									
58		Public Information	PWS Video Programs	X			\$100	M									
59		Public Information	Science of the Sound- Education Program	X			\$53	M									

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	✓								
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	✓								
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	✓								
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M									
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									

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

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				P	K	K			9	9	9	9	9	9	0	0	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M									
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoy Bay Hatchery Watershed Habitat Acquisition			X	\$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									

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

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1994 POTENTIAL PROJECT TITLES

	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fjord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									
233		Visitor Center	Interpretation of PWS	X			\$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									
236		Visitor Center	Valdez Visitor Center	X			\$850	1									
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M									
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M									
249		Restoration Monitoring															

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				P W S	K E N	K O D			4	5	6	7	8	9	0	0	1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds																
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M										
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M										
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M										
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye	X			\$500	93 - M										
255		Intensify Management	Kenai River Sockeye Salmon Restoration	X			\$1,000	93 - M										
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement	X			\$143	M										
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M										
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M										
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M										
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M										
261	Sport Fishing	Recovery Monitoring																
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1										
263		Restoration Monitoring																
264	Subsistence	Access to Traditional Foods																
265		Bivalve Shellfish Hatchery																
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M										
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1										

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

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			\$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M									
293		Public Information	Database Integration	X	X	X	\$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									

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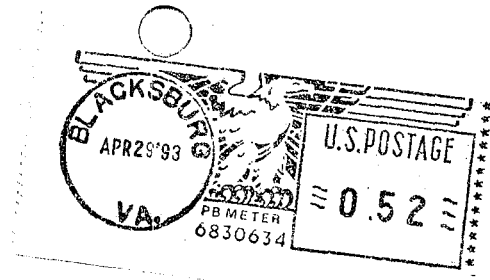
1994 POTENTIAL PROJECT TITLES

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Blacksburg VA 24061-0021



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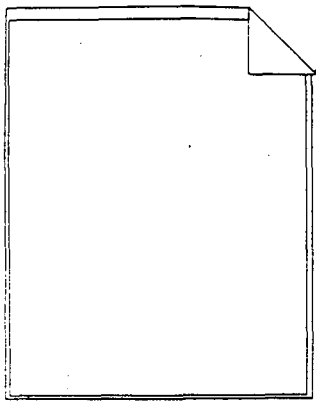
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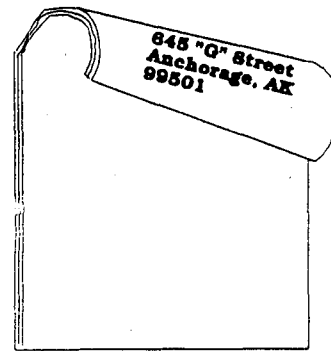
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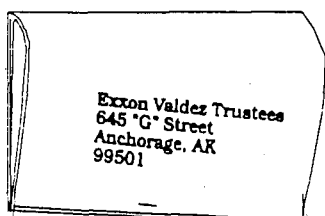
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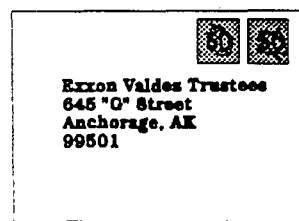
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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M	✓	✓	✓	✓	✓	✓	✓	✓	
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	✓	✓	✓	✓	✓	✓	✓	✓	
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M	✓	✓	✓	✓	✓	✓	✓	✓	
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M									

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M									
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M									
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M									
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1									
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M									
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M									
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M									
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M									
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M									
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M									
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M									
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M									
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
42	Common Murre	Restoration Monitoring						M	✓	✓	✓	✓	✓	✓	✓	✓	
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M									
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M									
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M									
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M									
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1									
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M									
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1									
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M									
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M									
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M									
54		Public Information	PWS Brochures	X			\$65	M									
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M									
56		Public Information	PWS Large Format Photographic Book	X			\$100	M									
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M									
58		Public Information	PWS Video Programs	X			\$100	M									
59		Public Information	Science of the Sound- Education Program	X			\$53	M									

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	/	/	/	/	/	/	/	/	
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M	/	/	/	/	/	/	/	/	
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	/	/	/	/	/	/	/	/	
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	/	/	/	/	/	/	/	/	
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	/	/	/	/	/	/	/	/	
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M	/	/	/	/	/	/	/	/	
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M									
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M									
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M									
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									

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

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				P	K	K			9	9	9	9	9	9	0	0	
				W	N	D			4	5	6	7	8	9	0	1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M	/	/	/	/	/	/	/	/	
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M	/	/	/	/	/	/	/	/	
174		Restoration Monitoring															
175		Temporary Predator Control															

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									
233		Visitor Center	Interpretation of PWS	X			\$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									
236		Visitor Center	Valdez Visitor Center	X			\$850	1									
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	/	/	/	/	/	/	/	/	
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M	/	/	/	/	/	/	/	/	
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	/	/	/	/	/	/	/	/	
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M	/	/	/	/	/	/	/	/	
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M	/	/	/	/	/	/	/	/	
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M	/	/	/	/	/	/	/	/	
249		Restoration Monitoring							/	/	/	/	/	/	/	/	

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									

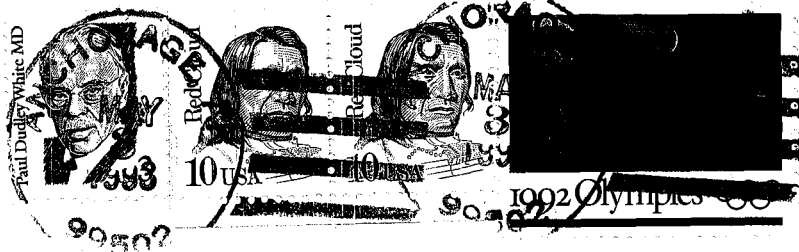
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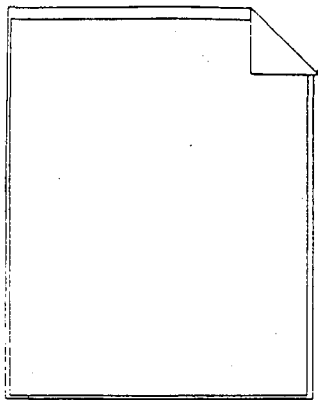
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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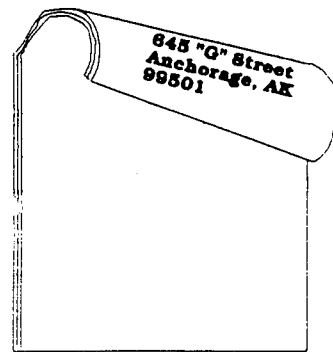
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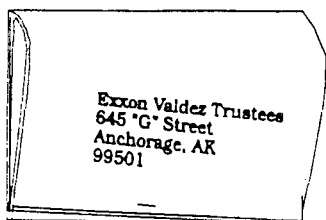
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



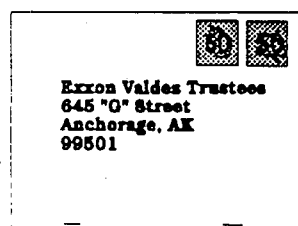
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Name: O. W. Frost
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1994 POTENTIAL PROJECT TITLES

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PWS	KOD	EST. COST/YR \$K	EST. DURATION (YEARS)	FUNDING										De Not Fund
				1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
RESOURCE OF SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION	EST. COST/YR \$K	EST. DURATION (YEARS)									
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X X X	\$41	M	X	X	X					
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X	\$300	1	X	X	X					
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X X X	\$200	M	X	X	X					
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X X X	\$525	M	X	X	X	X	X	X	X	
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X X X	\$400	M	X	X	X	X	X	X	X	
6		Option Not Identified	Restoration of Chenega Village Site	X	\$75	1	X	X	X					
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X X X	\$300	93 - M	X	X	X					
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X	\$230	M								X
9		Public Information	Heritage Information Replacement	X X X	\$200	M								X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X	\$400	M	X	X	X	X	X	X	X	X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X X X	\$400	M								X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X X X	\$225	M	X	X	X					
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X X X	\$150	M	X	X	X					
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X X X	\$210	M	X	X	X					
15		Site Stewardship Program	Archaeological Site Stewardship Program	X X X	\$114	M	X	X	X					
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X	\$1,200	1	X	X	X					
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X X X	\$262	M	X	X	X					
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X X X	\$10	M	X	X	X					
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X X X	\$200	M	X	X	X					
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X X X	\$108	93 - M	X	X	X					
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X	\$125	M	X	X	X					

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				P	K	K			9	9	9	9	9	9	0	0	
22	Black Oystercatcher	Restoration Monitoring															
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M	X	X	X	X	X	X	X	X	
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M									X
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1									X
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M	X	X	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	X	X	X	X	X	X	X	
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M									X
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M	X	X							
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M	X	X							
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M									X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M									X
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									X
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M	X								
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M	X	X							
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M	X	X	X						
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M	X	X	X						
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M	X	X	X						

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1994 POTENTIAL PROJECT TITLES

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	X	X							
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	X	X							
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	X	X	X						
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	X	X	X						
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M	X	X							
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M	X	X							
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M	X	X							
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M	X	X							
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	X	X	X						
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M	X	X	X	X					
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M	X	X	X	X					
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M	X	X	X						
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M	X	X	X						
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M	X	X	X						
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M	X	X							

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1994 POTENTIAL PROJECT TITLES

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	X	X							
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M	X	X							
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M	X	X							
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M	X	X							
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M	X	X							
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1	X	X							
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M	X	X							
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M	X	X							
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1	X								
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	X								
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1	X								
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1	X								
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1	X								
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1	X								
117		Habitat Protection and Acquisition	Kitoy Bay Hatchery Watershed Habitat Acquisition			X	\$250	1	X								
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1	X								
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1	X								
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1	X								
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1	X								
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1	X								
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1	X								
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1	X								
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1	X								
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	X								
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1	X								

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

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

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

Name: O.W. Frost
 Phone: 248-4746

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	De Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1	X								
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M	X	X							
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									X
220		Option Not Identified	Increased Access PWS	X			\$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M	X	X							
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									X

PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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Name: O. W. Frost
 Phone: 248-4746

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									X
233		Visitor Center	Interpretation of PWS	X			\$10	M									X
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									X
236		Visitor Center	Valdez Visitor Center	X			\$850	1									X
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	X	X							
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M	X	X							
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1	X								
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M	X	X							
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M	X	X							
243		Monitoring															
244	Sea Otter	Cooporative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	X	X							
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M	X	X	X						
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M	X	X	X						
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M	X	X							
249		Restoration Monitoring															

Name: O. W. Frost
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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Gr. Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M	X	X							
252		Intensify Maragement	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M	X	X							
253		Intensify Maragement	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M	X	X							
254		Intensify Maragement	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									X
255		Intensify Maragement	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M	X	X	X						
256		Intensify Maragement	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M	X	X	X						
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M	X	X							
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M	X	X	X						
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M	X	X							
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M	X	X							
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									X
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M	X	X							
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									X

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1994 POTENTIAL PROJECT TITLES

Page 13

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	30
				P	K	K			9	9	9	9	9	9	0	0	Not Funded
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M	X	X	X						
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M	X	X							
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M	X	X							
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M	X	X	X						
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M	X	X	X						
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M	X	X	X						
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M	X	X	X						
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M	X	X							
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M	X	X							
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M	X	X							
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M	X	X							
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	X	X							
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M	X	X							
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M	X	X							
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M	X	X							
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M	X	X	X						
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M	X	X							

Name: _____
 Phone: _____

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M	X	X							
291		Administration	Toxicological Profile of PWS	X			\$150	M	X	X							
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M	X								
293		Public Information	Database Integration	X	X	X	\$148	M	X	X							
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	X	X							
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M	X	X							
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M	X	X							
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M	X	X							

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93=Funded in 1993 M=Multi-year Project



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MAY 20 1993

United States Department of the Interior

OFFICE OF THE SECRETARY

Office of Environmental Affairs

1689 C Street, Room 119

Anchorage, Alaska 99501-5126

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL**TELEFAX**

TO:

Dave Gibbons

FROM:

Paul D. GatesRECEIVED
OCT 02 1995

Verification Number:

(907) 271-5011

Telefax Number:

(907) 271-4102

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

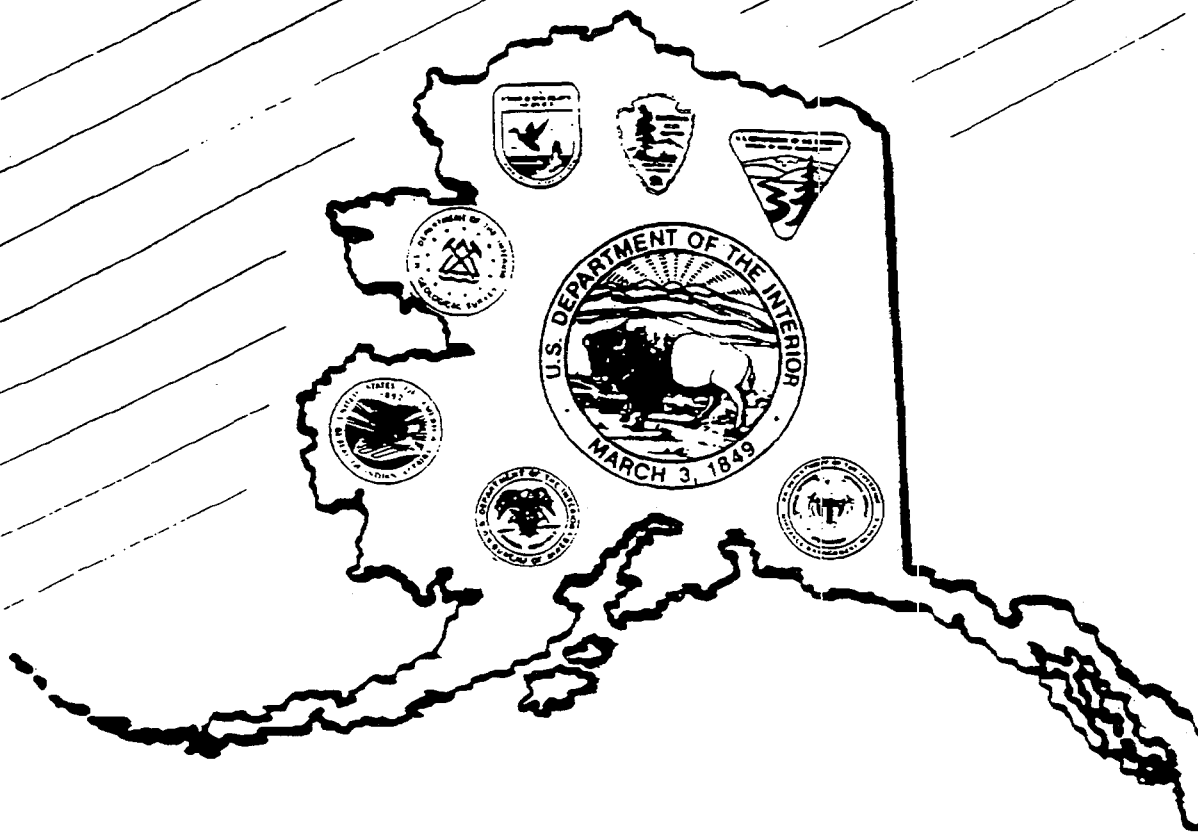
Number of Pages to Follow:

22

Date:

20 May 93

Time:

4:40 PM



United States Department of the Interior

OFFICE OF THE SECRETARY

Office of Environmental Affairs
1689 C Street, Room 119
Anchorage, Alaska 99501-5126



May 20, 1993

Dave Gibbons
Interim Administrative Director
645 G Street
Anchorage, AK 99501

Dear Mr. Gibbons:

The Department of the Interior has reviewed the list of 1994 Potential Project Titles, which were provided to the public on April 19, 1993. We offer the following comments for consideration:

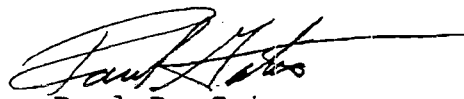
- * We believe it is difficult to determine the scope of many of the projects contained in the list based solely on titles. As a result, it is difficult to make meaningful comments on those projects. Examples that fall into this category include:

Heritage Information Replacement - \$200,000
Science of the Sound-Education Program - \$53,000
Hazardous Material Collection Facility - \$100,000
Change Black Cod Fishery Gear - ?
Injured Food Resource Food Supply - \$500,000
Watchable Wildlife - \$65,000

- * Some of the projects seem to have a questionable linkage to the Exxon Valdez Oil Spill (EVOS). Examples include "Payoff Debt of Valdez Fisheries Development Association" (\$5,000,000) and "Susitna River Sockeye Salmon Production Evaluation" (\$300,000). We believe the linkage to EVOS needs to be clearly established for any projects funded in 1994.
- * Page 1, The Restoration Option/Suboption for #7 should be changed from "Option Not Identified" to "Site Stewardship Program".
- * Page 6, #115. This project title was incorrectly identified as "Inholdings in Kenai Fjords National Wildlife Refuge" rather than "Inholdings in Kenai Fjords National Park". This error needs to be corrected.
- * The following project titles need to be added: (1) establish a "National Marine Sanctuary Adjacent to Kenai Fjords National Park", and (2) "Establish a National Marine Sanctuary Adjacent to Katmai National Park".

Attached are copies of the 1994 Potential Project Titles tables with National Park Service and Fish and Wildlife Service recommendations for projects to be funded in 1994.

Please call me at 271-5011, if you have any questions, or require additional information.



Paul D. Gates

Enc. as noted

Name: _____
Phone: _____

NPS

1994 POTENTIAL PROJECT TITLES

Page 1

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

Name:
Phone:

NPS

1994 POTENTIAL PROJECT TITLES

Page 2

	RESOURCE OR SERVICE	RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/HR \$K	DURATION (YEARS)	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
				P	K	R												
22	Black Oystercatcher	Restoration Monitoring																
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M										
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M										
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1										
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage			X	\$150	M										
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation			X	\$300	M										
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M										
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1										
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M										
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M										
32		Replace Harvest Opportunities	Mitigation Fishery at Kiloi Bay Hatchery on Afognak Island			X	\$45	M										
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M										
		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program			X	\$50	M										
		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M										
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M										
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M										
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M										
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	X	\$191	M									
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill		X	X	X	\$40	M	X								
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT				\$460	M									

Name: NPS
 Phone: _____

1994 POTENTIAL PROJECT TITLES

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RESOURCE SERVICE		RESTORATION OPTION SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST	DURATION (YEARS)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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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

1994 POTENTIAL PROJECT TITLES

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[illegible]

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

Name:
Phone:

NPS

1994 POTENTIAL PROJECT TITLES

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	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	2	3	4	5	6	7	8	9	10	11	12
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1												
233		Visitor Center	Interpretation of PWS	X			\$10	M												
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1												
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1												
236		Visitor Center	Valdez Visitor Center	X			\$850	1												
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M												
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M												
239		Restoration Monitoring																		
240		Spor/Trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1												
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M												
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M												
243		Monitoring																		
244	Sea Otter	Cooperative Prgm-Subsistence Users																		
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	X											
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M		X										
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M		X										
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M		X										
249		Restoration Monitoring																		

Name: USFWS
 Phone: _____

1994 POTENTIAL PROJECT TITLES

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RESOURCE			SERVICE			P			R			C			1			2			3			4			5			6			7			8			9			10			11			12			13			14			15			16			17			18			19			20			21			22			23			24			25			26			27			28			29			30			31			32			33			34			35			36			37			38			39			40			41			42			43			44			45			46			47			48			49			50			51			52			53			54			55			56			57			58			59			60			61			62			63			64			65			66			67			68			69			70			71			72			73			74			75			76			77			78			79			80			81			82			83			84			85			86			87			88			89			90			91			92			93			94			95			96			97			98			99			100			101			102			103			104			105			106			107			108			109			110			111			112			113			114			115			116			117			118			119			120			121			122			123			124			125			126			127			128			129			130			131			132			133			134			135			136			137			138			139			140			141			142			143			144			145			146			147			148			149			150			151			152			153			154			155			156			157			158			159			160			161			162			163			164			165			166			167			168			169			170			171			172			173			174			175			176			177			178			179			180			181			182			183			184			185			186			187			188			189			190			191			192			193			194			195			196			197			198			199			200			201			202			203			204			205			206			207			208			209			210			211			212			213			214			215			216			217			218			219			220			221			222			223			224			225			226			227			228			229			230			231			232			233			234			235			236			237			238			239			240			241			242			243			244			245			246			247			248			249			250			251			252			253			254			255			256			257			258			259			260			261			262			263			264			265			266			267			268			269			270			271			272			273			274			275			276			277			278			279			280			281			282			283			284			285			286			287			288			289			290			291			292			293			294			295			296			297			298			299			300			301			302			303			304			305			306			307			308			309			310			311			312			313			314			315			316			317			318			319			320			321			322			323			324			325			326			327			328			329			330			331			332			333			334			335			336			337			338			339			340			341			342			343			344			345			346			347			348			349			350			351			352			353			354			355			356			357			358			359			360			361			362			363			364			365			366			367			368			369			370			371			372			373			374			375			376			377			378			379			380			381			382			383			384			385			386			387			388			389			390			391			392			393			394			395			396			397			398			399			400			401			402			403			404			405			406			407			408			409			410			411			412			413			414			415			416			417			418			419			420			421			422			423			424			425			426			427			428			429			430			431			432			433			434			435			436			437			438			439			440			441			442			443			444			445			446			447			448			449			450			451			452			453			454			455			456			457			458			459			460			461			462			463			464			465			466			467			468			469			470			471			472			473			474			475			476			477			478			479			480			481			482			483			484			485			486			487			488			489			490			491			492			493			494			495			496			497			498			499			500			501			502			503			504			505			506			507			508			509			510			511			512			513			514			515			516			517			518			519			520			521			522			523			524			525			526			527			528			529			530			531			532			533			534			535			536			537			538			539			540			541			542			543			544			545			546			547			548			549			550			551			552			553			554			555			556			557			558			559			560			561			562			563			564			565			566			567			568			569			570			571			572			573			574			575			576			577			578			579			580			581			582			583			584			585			586			587			588			589			590			591			592			593			594			595			596			597			598			599			600			601			602			603			604			605			606			607			608			609			610			611			612			613			614			615			616			617			618			619			620			621			622			623			624			625			626			627			628			629			630			631			632			633			634			635			636			637			638			639			640			641			642			643			644			645			646			647			648			649			650			651			652			653			654			655			656			657			658			659			660			661			662			663			664			665			666			667			668			669			670			671			672			673			674			675			676			677			678			679			680			681			682			683			684			685			686			687			688			689			690			691			692			693			694			695			696			697			698			699			700			701			702			703			704			705			706			707			708			709			710			711			712			713			714			715			716			717			718			719			720			721			722			723			724			725			726			727			728			729			730			731			732			733			734			735			736			737			738			739			740			741			742			743			744			745			746			747			748			749			750			751			752			753			754			755			756			757			758			759			760			761			762			763			764			765			766			767			768			769			770			771			772			773			774			775			776			777			778			779			780			781			782			783			784			785			786			787			788			789			790			791			792			793			794			795			796			797			798			799			800			801			802			803			804			805			806			807			808			809			810			811			812			813			814			815			816			817			818			819			820			821			822			823			824			825			826			827			828			829			830			831			832			833			834			835			836			837			838			839			840			841			842			843			844			845			846		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PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
AK=Kodiak Archipelago and Alaska Peninsula, OUT=Outside Oil Spill Area

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			P	W	K	O	A	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	29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1994 POTENTIAL PROJECT TITLES

Page 5

[illegible]

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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93=Funded in 1993 M=Multi-year Project

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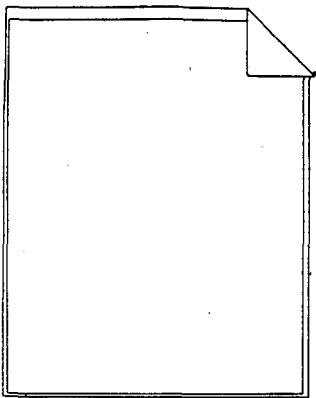
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1994 Work Plan Work Group
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Anchorage, Alaska 99501

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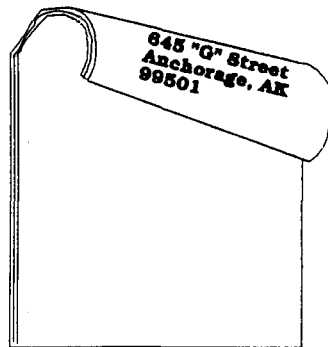
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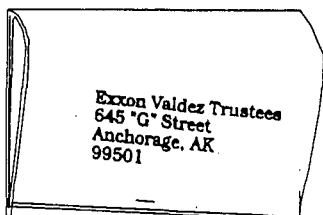
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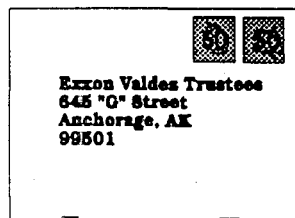
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 Phone: 907-424-3307

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1		
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M										X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1										X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M										X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M										X
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M										X
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1										X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M										X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M										X
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M										X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M										X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M										X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M										X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M										X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M										X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M										X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1										X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M										
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	X									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M										
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M	X	X								
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M										

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				P	K	K			9	9	9	9	9	9	9	0	0	
22	Black Oystercatcher	Restoration Monitoring																
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M		XX								
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M		XX	XX							
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1										XX
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M										XX
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		XX	XX							
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1										XX
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M		XX	XX							
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M		XX	XX							
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M		X								
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M		X								
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M		X								
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M		X								
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M										XX
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M										XX
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M										XX
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M		XX								
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M										XX
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M										XX

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
42	Common Murre	Restoration Monitoring						M									
43	Cutthroat/Dolly	Intensify Management	Cutthroat Trout and Dolly Varden Habitat Restoration	X			\$200	M									X
44		Intensify Management	Enhanced Management of Cutthroat Trout and Dolly Varden	X			\$285	M	X								X
45		Option Not Identified	Anadromous Cutthroat and Dolly Varden Char Habitat Inventory, Evaluation, and Restoration	X			\$35	M									X
46		Option Not Identified	Cutthroat Trout and Dolly Varden Hatchery	X			\$950	M									X
47		Restoration Monitoring						M									
48	General	Administration	Oil Spill Restoration Support Service and Facilities	X	X	X	\$600	1									X
49		Monitoring	Monitoring of Small Cetaceans (Dall Porpoises) in PWS	X			\$200	M									X
50		Option Not Identified	Hazardous Material Collection Facility	X	X	X	\$100	1	X								X
51		Option Not Identified	Testing of Patch-Response Patch Dependence Hypothesis-Testing of an Ecosystem Model	X	X	X	\$488	M									X
52		Public Information	Public Broadcasting System Program on Oil Spill	X	X	X	\$70	M									X
53		Public Information	Publish and Distribute Brochures on Injured Species	X	X	X	\$90	M	X								X
54		Public Information	PWS Brochures	X			\$65	M									X
55		Public Information	PWS Implementation of Interpretive Plan	X			\$150	M									X
56		Public Information	PWS Large Format Photographic Book	X			\$100	M									X
57		Public Information	PWS Scenic Byway-- Nomination and Interpretive Plan	X			\$70	M									X
58		Public Information	PWS Video Programs	X			\$100	M									X
59		Public Information	Science of the Sound- Education Program	X			\$53	M	X								

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	\$500	M									888
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	X								
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M	X								888
93		Monitoring	Recovery Monitoring	X			\$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M	X								888
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M	X								
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M									
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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				P	K	K			9	9	9	9	9	9	0	0	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	X								
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M	X								
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M	X								
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									X
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoy Bay Hatchery Watershed Habitat Acquisition			X	\$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	X								X
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									1

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

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				P	K	K			9	9	9	9	9	9	9	0	0	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M										X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M										X
160		Reduce Disturbance by Field Presence																
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M										X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M										X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M										X
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M										X
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M	X									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M	X									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M										X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M	X									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M	X									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M	X									
171		Restoration Monitoring																
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M										X
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M										X
174		Restoration Monitoring																
175		Temporary Predator Control																

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	\$25	M	X								22222
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1									
178		Fish Passes and Access	Otter Creek Fish Pass	X			\$130	1									
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1									
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	1									
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1									
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	\$727	M	X								
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			\$495	M	X								
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			\$855	M	X								
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			\$500	M	X								
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			\$253	M	X								
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	\$152	M	X								
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	\$705	M									
189		Intensify Management	PWS Salmon Stock Genetics	X			\$150	M	X								
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	M									
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	M									
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	M	X								
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	M	X								
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M	X								
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	M	X								
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	M	X								
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	M									22222
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	\$6,000	1									
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	\$40,000	1									
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	\$500	M									
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	\$500	M									

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1994 POTENTIAL PROJECT TITLES

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	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	9	0	0	
				S	E	O			4	5	6	7	8	9	0	1		
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System		X		\$500	1										X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System		X		\$70	1										X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M										X
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M										X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M										X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M										X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1										X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1										X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M										X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1										X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1										X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M										X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1										X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1										X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1										X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M										X
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M										X
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M										X
220		Option Not Identified	Increased Access PWS	X			\$100	M										X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M										X
222		Restoration Monitoring																X
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M										X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1										X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M										X
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1										X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1										X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M										X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1										X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1										X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1										X

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									PWS
233		Visitor Center	Interpretation of PWS	X			\$10	M									
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									
236		Visitor Center	Valdez Visitor Center	X			\$850	1									
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M									PWS
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M									
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									PWS
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															PWS
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M									
249		Restoration Monitoring															

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M									X
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M									X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M									X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M									X
276		Restoration Monitoring															X
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M									X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M									X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M									X
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M									X
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M									X
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M									X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M									X
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M									X
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M									X
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M									X
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M									X
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M									X
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M									X

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M	X								
291		Administration	Toxicological Profile of PWS	X			\$150	M	X								
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M									
293		Public Information	Database Integration	X	X	X	\$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									

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

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

- (a) There may have been an unequal distribution of injury within each region;
 (b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
 (c) Population may have been declining prior to the spill;
 (d) Based on recovery of dead animals from this region of the spill zone;
 (e) If no injury was detected or known, no assessment of recovery could be made;
 (f) Total body count, not adjusted for carcasses not found.

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

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Resource	Description of Injury			Status of Recovery in December, 1992		Geographic Extent of Injury (a)				Comments/Discussion
	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
BIRDS										
Bald Eagles	YES (614-902)	YES	YES	RECOVERING	UNKNOWN	YES	YES	YES (d)	YES (d)	Productivity in PWS was disrupted in 1989, but returned to normal in 1990. Exposure to hydrocarbons and some sub-lethal effects were found in 1989 and 1990, but no continuing effects were observed on populations.
Black-legged Kittiwakes	YES (NUMBER UNKNOWN)	NO	NO	NO CHANGE	NO	YES	YES (d)	YES (d)	YES (d)	Total reproductive success in oiled and unoiled areas of PWS has declined since 1989. Hydrocarbon contaminated tissues were detected in 1989. Hydrocarbon contaminated stomach contents were detected in 1989 and 1990. This species is known for great natural variation and reproductive failure may be unrelated to the oil spill.
Black Oyster-catchers	YES (129 ADULTS; UNKNOWN FOR CHICKS (f))	YES	YES	RECOVERING	YES	YES	YES (d)	YES (d)	YES (d)	Differences in egg size between oiled and unoiled areas were found in 1989. Exposure to hydrocarbons and some sublethal effects were determined. Populations declined more in oiled areas than unoiled areas in post-spill surveys in 1989, 1990 and 1991. Black oystercatchers feed in the intertidal areas and may be still be exposed to hydrocarbons in the environment.
Common Murres	YES (175,000 to 300,000)	YES	YES	DEGREE OF RECOVERY VARIES IN COLONY	YES	NO	YES	YES	YES	Measurable impacts on populations were recorded in 1989, 1990 and 1991. Breeding is still inhibited in some colonies in the Gulf of Alaska.
Glaucous-winged gulls	YES (NUMBER UNKNOWN)	NOT DETECTED	NO	NO CHANGE	NO	YES (d)	YES (d)	YES (d)	YES (d)	While dead birds were recovered in 1989, there is no evidence of a population level impact when compared to historic (1972, 1973) population levels.

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

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

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(e) If no injury was detected or known, no assessment of recovery could be made;
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Resource	Description of Injury			Status of Recovery in December, 1992		Geographic Extent of Injury (a)				Comments/Discussion
	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Other Sea Ducks	YES (875) (b)	NO	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include Stellar's, king and common eider; white-winged, surf and black scoter; oldsquaw; bufflehead; common and Barrow's goldeneye; and common and red-breasted merganser. Sea ducks tend to feed in the intertidal and shallow subtidal areas which were most heavily impacted by oil.
Other Shorebirds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include golden plover; lesser yellowlegs; semipalmated, western, least and Baird's sandpiper; surfbird; short-billed dowitcher; common snipe; red and red-necked phalarope.
Other Birds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include emperor and Canada goose; brant; mallard; northern pintail; green-winged teal; greater and lesser scaup; ruddy duck; great blue heron; long-tailed jaeger; willow ptarmigan; great-horned owl; Stellar's jay; magpie; common raven; northwestern crow; robin; varied and hermit thrush; yellow warbler; pine grosbeak; savannah and golden-crowned sparrow; white-winged crossbill.
FISH										
Cutthroat Trout	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival and growth between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.
Dolly Varden	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.

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

- (a) There may have been an unequal distribution of injury within each region;
(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

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

- (a) There may have been an unequal distribution of injury within each region;
(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

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

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

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

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

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

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

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

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

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

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

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

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

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

(b) This page has not yet been reviewed by the Chief Scientist.

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

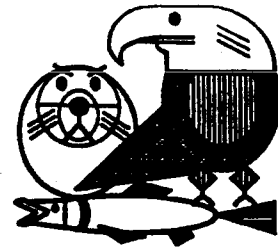
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

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



April 19, 1993

Dear Concerned Citizen:

The Trustee Council is in the process of developing the 1994 program of work to help restore the resources and services injured by the Exxon Valdez Oil Spill. "Restoration includes....injury assessment, restoration, replacement and enhancement of natural resources, and acquisition of equivalent resources or services," (Memorandum of Agreement and Consent Decree for Civil Action A91-081CV in U.S. District Court, District of Alaska, filed August 29, 1991). Attached is a list of titles for potential restoration projects for 1994 which are being considered for this program. These potential projects have been derived from the following sources:

- (1) Public comments on the Restoration Framework (an April 1992 restoration discussion document),
- (2) Public comment on the 1992 and 1993 work plans,
- (3) Federal and state trustee agency recommendations,
- (4) Other solicited and unsolicited public comments,
- (5) Projects identified by the Exxon Valdez Oil Spill Public Advisory Group,
- (6) Projects suggested by individuals testifying at Trustee Council meetings.
- (7) Projects identified by the Chief Scientist and peer reviewers.

Please review and comment on this list of potential projects. It may be difficult for you to comment on many of the projects because of the limited information available. However, you are being asked to comment now so that you have an opportunity to influence the projects that will be selected for inclusion in the draft 1994 Work Plan. Project descriptions of these titles will be developed for the draft 1994 Work Plan to be released for public comment this summer. After reviewing those public comments, the Trustee Council will select the projects to be conducted in 1994.

Please check the columns on the right hand side of the attached table to indicate whether a project should be conducted and when. Additional space has been provided under each resource name in the table for new project titles. Be sure to note in the appropriate column the injured resource or service and the restoration option/suboption your project title addresses. Titles should be as complete and meaningful as possible. Please indicate the geographic area in which the project would be conducted. If the project is outside of the spill area please write "out" in the region columns. Your cost estimates and duration may be preliminary estimates and subject to change as are ours. A paragraph explaining your new proposed project would be useful to make sure we understand what you are proposing. At the end of the project title listing, two blank sheets are included for your new project ideas. Summary of injury tables are attached as background information to assist your deliberations on restoration projects.

The \$900 million civil recovery from the *Exxon Valdez* Oil Spill is to be paid over a 10 year period. In September 1993, a \$100 million payment will occur, and, from 1994 through 2001, yearly payments of \$70 million will be made. Since the money is being paid over a multi-year period, not all potential projects can be funded in 1994. No decision has been made on the total amount that will be spent for the 1994 program of work (October 1, 1993 through September 30, 1994). Please note that in addition to project costs, any program of work will require funding for the administration of restoration activities.

A Restoration Plan is being developed as a long-term guide to the restoration of the resources and services injured by the *Exxon Valdez* oil spill. The Restoration Plan will be used to guide the selection of specific projects to be included in each annual work plan. A draft Restoration Plan is expected to be available in June 1993; the final version will be published by the end of 1993.

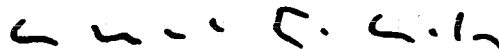
There is a 30-day period to review and comment on the enclosed potential project titles. To make sure your comments are considered, they must be postmarked by May 20, 1993. Please return your comments to:

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

Thank you.



Michael A. Barton
Regional Forester
Alaska Region
Forest Service
U.S. Department of Agriculture



Charles E. Cole
Attorney General
State of Alaska



Paul D. Gates
Regional Environmental Officer
Office of the Secretary
U.S. Department of Interior



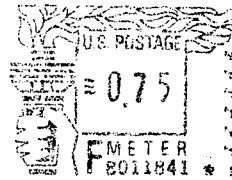
Steve Pennoyer
Director
Alaska Region
National Marine Fisheries Service



Carl L. Rosier
Commissioner
Alaska Department of Fish and Game



John A. Sandor
Commissioner
Alaska Department of Environmental
Conservation



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

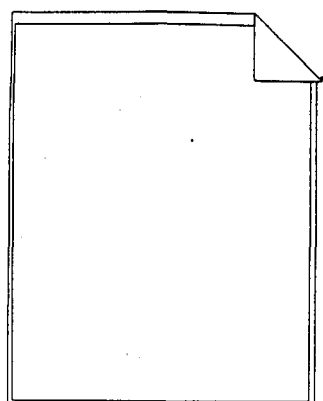
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EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

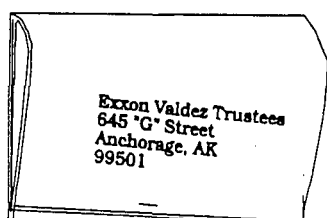
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TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

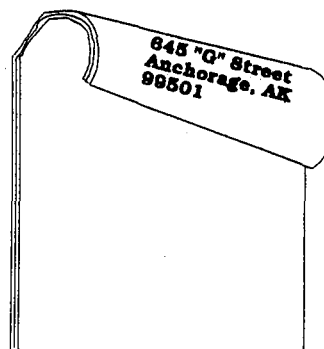
EXXON VALDES TRUSTEES
645 "Q" STREET
ANCHORAGE, AK 99501



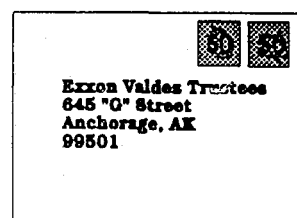
Please Stack Your Comment
Sheets On Top Of This Page....



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Sheets....



Attach Correct Postage

Name: R. Highsmith
 Phone: (907) 474-7836

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M									
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M									
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M									
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M									
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M									

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

Name: _____
Phone: _____

1994 POTENTIAL PROJECT TITLES

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

PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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1994 POTENTIAL PROJECT TITLES

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

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

Name: _____
Phone: _____

1994 POTENTIAL PROJECT TITLES

Page 4

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M									
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									✓
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	✓								
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M									
65	Harlequin Duck	Eliminate Oil from Mussel Beds															
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	✓								
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									✓
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	✓	✓	✓	✓	✓	✓	✓	✓	
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M	✓	✓	✓	✓	✓	✓	✓	✓	
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	\$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	M	✓	✓							
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M	✓	✓	✓	✓	✓	✓	✓	✓	
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	M									✓
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M									
93		Monitoring	Recovery Monitoring	X			\$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks		X	X	\$200	M									

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M									
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1									
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1									
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1									
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1									✓
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1									
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1									
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1									
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1									
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1									
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1									
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1									
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1									
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1									
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1									
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1									
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1									
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1									

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M	✓	✓	✓	✓	✓	✓	✓	✓	✓
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M	✓	✓	✓	✓	✓	✓	✓	✓	✓
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									✓
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									✓
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									✓
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									✓
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									✓
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									✓
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									✓
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									✓
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									✓
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									✓
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									✓
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									✓
220		Option Not Identified	Increased Access PWS	X			\$100	M									✓
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									✓
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M	✓	✓							
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M	✓	✓	✓						
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									✓
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									✓
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									✓
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									✓

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									✓
233		Visitor Center	Interpretation of PWS	X			\$10	M									✓
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									✓
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									✓
236		Visitor Center	Valdez Visitor Center	X			\$850	1									✓
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	✓								
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M	✓								
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M									
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M									
249		Restoration Monitoring															

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M	✓	✓	✓						
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M									
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M									
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M									
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M									
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M									
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M									
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M									
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M									
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M									
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M									
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M									
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	✓	✓	✓						
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M									
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M									
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M									
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M									
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M									

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			\$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M									
293		Public Information	Database Integration	X	X	X	\$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									

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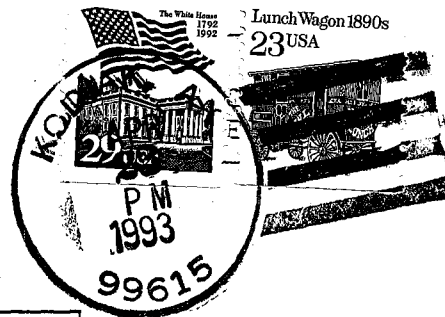
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1994 POTENTIAL PROJECT TITLES

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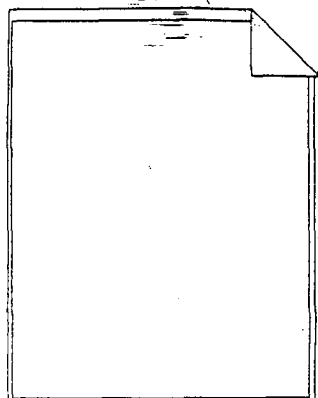
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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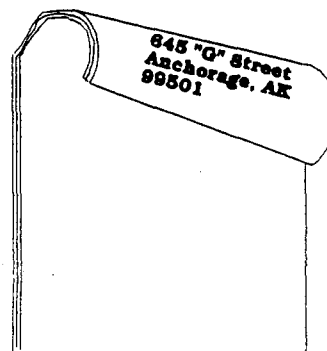
EXXON VALDEZ OIL SPILL
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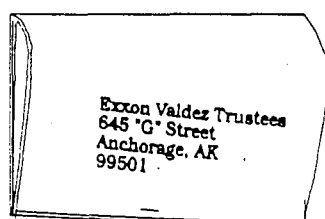
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



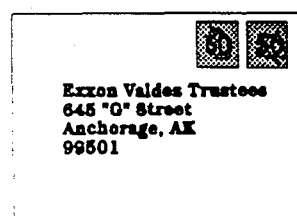
Please Stack Your Comment
Sheets On Top Of This Page....



Fold This Page Over Your Comment
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Then Staple or Tape Sheets
Together....



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1994 POTENTIAL PROJECT TITLES

	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	DO NOT FILL
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	\$500	M									
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M									
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	M									
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M									
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M									
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	M									
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	M									
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	M									
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M									
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	M									
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M									
93		Monitoring	Recovery Monitoring	X			\$125	M									
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M									
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M									
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M									
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M									
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M									
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations in Kenai Fjords and Katmai National Parks	X	X		\$200	M									

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

	RESOURCE OF SERVICE	RESTORATION OPTION OF SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	DC NOT FUND
				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									

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

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

- (a) There may have been an unequal distribution of injury within each region;
 (b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
 (c) Population may have been declining prior to the spill;
 (d) Based on recovery of dead animals from this region of the spill zone;
 (e) If no injury was detected or known, no assessment of recovery could be made;
 (f) Total body count, not adjusted for carcasses not found.

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

- (a) There may have been an unequal distribution of injury within each region;
(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

Resource	Description of Injury			Status of Recovery in December, 1992		Geographic Extent of Injury (a)				Comments/Discussion
	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
BIRDS										
Bald Eagles	YES (614-902)	YES	YES	RECOVERING	UNKNOWN	YES	YES	YES (d)	YES (d)	Productivity in PWS was disrupted in 1989, but returned to normal in 1990. Exposure to hydrocarbons and some sub-lethal effects were found in 1989 and 1990, but no continuing effects were observed on populations.
Black-legged Kittiwakes	YES (NUMBER UNKNOWN)	NO	NO	NO CHANGE	NO	YES	YES (d)	YES (d)	YES (d)	Total reproductive success in oiled and unoiled areas of PWS has declined since 1989. Hydrocarbon contaminated tissues were detected in 1989. Hydrocarbon contaminated stomach contents were detected in 1989 and 1990. This species is known for great natural variation and reproductive failure may be unrelated to the oil spill.
Black Oyster-catchers	YES (129 ADULTS; UNKNOWN FOR CHICKS (f))	YES	YES	RECOVERING	YES	YES	YES (d)	YES (d)	YES (d)	Differences in egg size between oiled and unoiled areas were found in 1989. Exposure to hydrocarbons and some sublethal effects were determined. Populations declined more in oiled areas than unoiled areas in post-spill surveys in 1989, 1990 and 1991. Black oystercatchers feed in the intertidal areas and may be still be exposed to hydrocarbons in the environment.
Common Murres	YES (175,000 to 300,000)	YES	YES	DEGREE OF RECOVERY VARIES IN COLONY	YES	NO	YES	YES	YES	Measurable impacts on populations were recorded in 1989, 1990 and 1991. Breeding is still inhibited in some colonies in the Gulf of Alaska.
Glaucous-ged gulls	YES (NUMBER UNKNOWN)	NOT DETECTED	NO	NO CHANGE	NO	YES (d)	YES (d)	YES (d)	YES (d)	While dead birds were recovered in 1989, there is no evidence of a population level impact when compared to historic (1972, 1973) population levels.

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(b) Adjusted for carcasses not found, not reported, scavenged, or otherwise lost;
(c) Population may have been declining prior to the spill;
(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

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

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(d) Based on recovery of dead animals from this region of the spill zone;
(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

Resource	Description of Injury			Status of Recovery in December, 1992		Geographic Extent of Injury (a)				Comments/Discussion
	Oil Spill Mortality (total mortality estimate) (b)	Decline in Population after the spill	Evidence of Sublethal or Chronic Effects	Current Population Status	Evidence of Continuing Sublethal or Chronic Effects	PWS	Kenai	Kodiak	Alaska Penin.	
Other Sea Ducks	YES (875) (b)	NO	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include Stellar's, king and common eider; white-winged, surf and black scoter; oldsquaw; bufflehead; common and Barrow's goldeneye; and common and red-breasted merganser. Sea ducks tend to feed in the intertidal and shallow subtidal areas which were most heavily impacted by oil.
Seabirds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include golden plover; lesser yellowlegs; semipalmated, western, least and Baird's sandpiper; surfbird; short-billed dowitcher; common snipe; red and red-necked phalarope.
Other Birds	YES (NUMBER UNKNOWN)	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	YES (d)	YES (d)	YES (d)	YES (d)	Species collected dead in 1989 include emperor and Canada goose; brant; mallard; northern pintail; green-winged teal; greater and lesser scaup; ruddy duck; great blue heron; long-tailed jaeger; willow ptarmigan; great-horned owl; Stellar's jay; magpie; common raven; northwestern crow; robin; varied and hermit thrush; yellow warbler; pine grosbeak; savannah and golden-crowned sparrow; white-winged crossbill.
FISH										
Cutthroat Trout	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival and growth between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.
Chum Varden	YES, SEE COMMENTS	POSSIBLY	YES	STABLE, BUT NOT RECOVERING	UNKNOWN	YES	UNKNOWN	UNKNOWN	UNKNOWN	Differences in survival between anadromous adult populations in the oiled and unoiled areas persisted in 1991 despite the decrease in exposure indicators. This could be due to continuing injury to the food base.

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

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

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(e) If no injury was detected or known, no assessment of recovery could be made;
(f) Total body count, not adjusted for carcasses not found.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(b) This page has not yet been reviewed by the Chief Scientist.

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

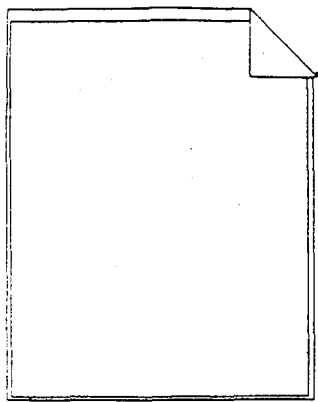
EXXON VALDEZ TRUSTEE COUNCIL
1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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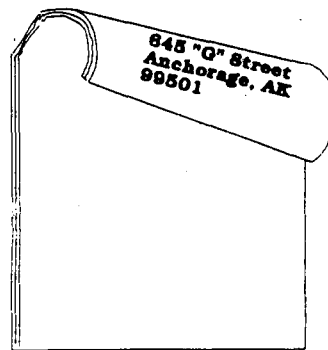
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

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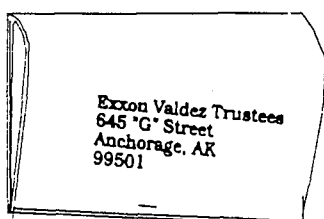
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



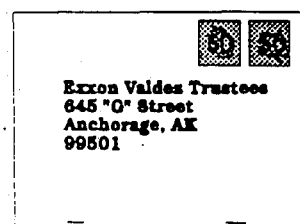
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Name: Glenn Hollowell
 Phone: (907) 474-0099

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1 9 9 4	1 9 9 5	1 9 9 6	1 9 9 7	1 9 9 8	1 9 9 9	2 0 0 0	2 0 0 1	DC NOC FUND
				P W S	K E N	K O D											
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M									
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M									X
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	✓	✓							
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M									X
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M	✓	✓							
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M	✓	✓							

Name: _____
 Phone: _____

1994 POTENTIAL PROJECT TITLES

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

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

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

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
60	Harbor Seal	Cooperative Program-Fishermen															X
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	✓	✓							X
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M	✓	✓							
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M	✓	✓							
65	Harlequin Duck	Eliminate Oil from Mussel Beds															X
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M	✓	✓							X
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									X
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M	✓	✓							
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M	✓	✓	✓						
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M	✓	✓	✓						
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M	✓	✓	✓						
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M	✓	✓	✓						
80		Monitoring	Long-Term Monitoring - Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M	✓	✓	✓						
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M	✓	✓							

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1994 POTENTIAL PROJECT TITLES

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				P	K	K			9	9	9	9	9	9	0	0	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	\$500	M	✓	✓							
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M	✓	✓							
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	M									X
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M	✓	✓							
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M	✓	✓							
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	M									X
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	M									X
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	M									X
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M									X
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	M	✓								
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
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M	✓	✓							
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M	✓	✓							
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M	✓								
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M	✓								
100		Minimize Incidental Take															
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks	X	X		\$200	M	✓								

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
102	Marbled Murrelet	Restoration Monitoring	Survey to Monitor Recovery of Marbled Murrelets	X	X	X	\$250	M	✓	✓							
103	Multiple Resources	Habitat Protection	Habitat Modelling	X	X	X	\$150	M									X
104		Habitat Protection	Riparian Habitat Assessment	X	X	X	\$110	M									X
105		Habitat Protection	Stream Channel Capability Modeling	X	X	X	\$110	M									X
106		Habitat Protection	Stream Habitat Assessment	X	X	X	\$361	93 - M									X
107		Habitat Protection	Valdez Hazardous Waste Collection	X			\$200	1									X
108		Habitat Protection	Vegetation and Stream Classification and Mapping	X	X	X	\$276	93 - M									X
109		Habitat Protection	Wetland Habitat Classification, Mapping and Assessment	X	X	X	\$100	M									X
110		Habitat Protection	Characterization and Identification of Habitat Important to Upland Species	X	X	X	\$750	M									X
111		Habitat Protection and Acquisition	Inholdings in Alaska Maritime National Wildlife Refuge		X	X	\$111	1	✓	✓							
112		Habitat Protection and Acquisition	Inholdings in Alaska Peninsula National Wildlife Refuge			X		1	✓	✓							
113		Habitat Protection and Acquisition	Inholdings in Becharof National Wildlife Refuge			X		1	✓	✓							
114		Habitat Protection and Acquisition	Valdez Duck Flats	X				1	✓	✓							
115		Habitat Protection and Acquisition	Inholdings in Kenai Fjords National Wildlife Refuge		X		\$20	1	✓	✓							
116		Habitat Protection and Acquisition	Inholdings in Aniakchak National Monument and Preserve			X		1	✓	✓							
117		Habitat Protection and Acquisition	Kitoi Bay Hatchery Watershed Habitat Acquisition			X	\$250	1	✓	✓							
118		Habitat Protection and Acquisition	Acquire Olsen Bay Watershed	X			\$3,500	1	✓	✓							
119		Habitat Protection and Acquisition	Acquisition of Inholdings in Shuyak Island State Park			X	\$200	1	✓	✓							
120		Habitat Protection and Acquisition	Acquisition of Koniag Corporation Inholdings within the Kodiak National Wildlife Refuge			X	\$77,000	1	✓	✓							
121		Habitat Protection and Acquisition	Conservation Easement-Aialik Bay		X		\$90	1	✓	✓							
122		Habitat Protection and Acquisition	Conservation Easement-Chugach Bay		X		\$60	1	✓	✓							
123		Habitat Protection and Acquisition	Conservation Easement-Dogfish Bay		X		\$400	1	✓	✓							
124		Habitat Protection and Acquisition	Conservation Easement-Port Chatham		X		\$80	1	✓	✓							
125		Habitat Protection and Acquisition	Conservation Easement-Rock Bay		X		\$740	1	✓	✓							
126		Habitat Protection and Acquisition	Habitat Acquisition	X	X	X	\$25,000	93 - 1	✓	✓							
127		Habitat Protection and Acquisition	Habitat Acquisition, Afognak			X	\$112,500	1	✓	✓							

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
128	Multiple Resources	Habitat Protection and Acquisition	Habitat Acquisition, Kodiak Island			X	\$20,000	1	✓								
129		Habitat Protection and Acquisition	Habitat Acquisition, North Afognak Island			X	\$4,000	1	✓								
130		Habitat Protection and Acquisition	Kodiak Bear Refuge Stream Mouth Inholdings Acquisition			X	\$1,000	1	✓								
131		Increase Natural Food Supply															
132		Intensify Management	Develop Management Strategy for Enhancing Recovery Rate of Bird and Sea Otter Populations	X	X	X	\$50	M									X
133		Intensify Management	Genetic Risk Assessment of Injured Salmonids	X	X	X	\$408	M	✓								
134		Intensify Management	Restoration and Mitigation of Essential Wetland Habitats for PWS Fish and Wildlife	X			\$200	M									X
135		Intensify Management	Restoration of Second Growth Habitat for Wildlife in PWS	X			\$40	M									X
136		Intensify Management	Seabird Colony Restoration	X	X	X	\$250	M									X
137		Intensify Management	Stock Identification of Chum, Sockeye and Chinook Salmon in PWS	X			\$250	M									X
138		Monitoring	Shoreline Worm Life Monitoring	X	X	X	\$388	M									X
139		Option Not Identified	Instream Habitat and Stock Restoration Techniques for Anadromous Fish	X	X	X	\$416	M									X
140		Option Not Identified	Alaska Land and Wildlife Conservation Fund ← ? →	X	X	X	one billion	M									X
141		Option Not Identified	Field Study of Bioremediation Enhancement Treatment Methods	X	X	X	\$280	M									X
142		Option Not Identified	Oil Spill Injured Resources Literature Research and Review	X	X	X	\$7	M									X
143		Option Not Identified	Analyze Natural Resource Damage Assessment Samples Left Un-Analyzed	X	X	X	\$650	1									X
144		Option Not Identified	Identification of Seabird Feeding Areas from Remotely Sensed Data and Impact on Restoration	X	X	X	\$48	M									X
145		Option Not Identified	Shoreline Assessment	X	X	X	\$250	93 - M	✓	✓	✓	✓	✓	✓	✓	✓	
146		Option Not Identified	Uganik River Fish Counting Weir - Brown Bear and Other Wildlife Food Study			X	\$28	M									X
147		Recovery Monitoring	Comprehensive Monitoring Program, Plan and Administer	X	X	X	\$500	93 - M	✓	✓							
148		Recovery Monitoring	Cook Inlet Comprehensive Monitoring Program		X		\$800	M									X
149		Recovery Monitoring	Full Funding for Oil Spill Recovery Institute	X	X	X	\$2,300	1									X
150		Recovery Monitoring	Injured Resource Food Supply	X	X	X	\$850	M									X
151		Recovery Monitoring	Inventory, Monitor, Protect Permanent Study Sites	X	X	X	\$500	M	✓	✓	✓	✓	✓	✓	✓	✓	
152		Recovery Monitoring	Long-Term Monitoring of Marine Environment of Resurrection Bay		X		\$600	M									X
153		Recovery Monitoring	Migratory Shore Birds Staging in Rocky Intertidal Habitats of PWS	X			\$80	M									X
154		Recovery Monitoring	Migratory Waterfowl and Shorebird Monitoring	X	X	X	\$150	M									X
155		Recovery Monitoring	Monitor Population Status of Seabird Nesting Colonies in the Spill Zone	X	X	X	\$100	M									X
156		Recovery Monitoring	Restoration Recovery Monitoring of Stream-Rearing Anadromous Salmonids	X	X	X	\$200	M									X
157		Recovery Monitoring	Survey to Determine Abundance Distribution, Habitat, and Food Habits of Staging Shore Birds	X			\$35	M									X

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				P	K	K			9	9	9	9	9	9	9	0	0	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M										X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M	✓	✓								
160		Reduce Disturbance by Field Presence																
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M										X
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M										X
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M	✓	✓								
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M	✓	✓								
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M	✓									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M	✓									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M										X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M	✓									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M										X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M										X
171		Restoration Monitoring																
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M	✓	✓								
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M										X
174		Restoration Monitoring																X
175		Temporary Predator Control																X

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				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
176	Pink Salmon	Fish Passes and Access	Feasibility of Fish Passes as Oil Spill Restoration	X	X	X	\$25	M									X
177		Fish Passes and Access	Horse Marine Creek Pink Salmon Restoration			X	\$28	1									X
178		Fish Passes and Access	Otter Creek Fish Pass	X			\$130	1									X
179		Fish Passes and Access	Pink Creek Pink Salmon Restoration			X	\$11	1									X
180		Fish Passes and Access	Sockeye Creek Fish Pass	X			\$60	1									X
181		Fish Passes and Access	Waterfall Creek Pink Salmon Restoration-Fish Improvement			X	\$55	1									X
182		Improve Survival Rates	Fry Rearing to Improve Survival and Restore Wild Pink and Chum Salmon Stocks	X	X	X	\$727	M									X
183		Intensify Management	Adult Tagging to Determine Distribution, Migratory Timing and Rate of Movement of Pink Salmon	X			\$495	M									X
184		Intensify Management	Coded Wire Tag Recoveries from Commercial Catches in PWS Salmon Fisheries	X			\$855	M									X
185		Intensify Management	Coded Wire Tagging of Wild Stock Pink Salmon for Stock Identification	X			\$500	M									X
186		Intensify Management	Inventory and Effect of Straying Hatchery Pink Salmon on Wild Pink Salmon Population	X			\$253	M									X
187		Intensify Management	Otolith Marking - Inseason Stock Separation Tool to Reduce Wild Stock Salmon Exploitation	X	X	X	\$152	M									X
188		Intensify Management	Pink Salmon Escapement Enumeration	X	X	X	\$705	M									X
189		Intensify Management	PWS Salmon Stock Genetics	X			\$150	M									X
190		Intensify Management	Quality Assurance for PWS Coded Wire Tagging and Fish Production Records	X			\$66	M									X
191		Monitoring	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	X	X		\$686	M	✓	✓							X
192		Monitoring	Restoration Monitoring and Preservation of Wild Populations of Pink Salmon	X	X		\$899	M									X
193		Monitoring	Injury to Salmon Eggs and Pre-emergent Fry in PWS, Laboratory Verification	X			\$141	M	✓	✓							X
194		Monitoring	Pink Salmon Egg to Pre-Emergent Fry Survival in PWS	X			\$385	93 - M	✓	✓							X
195		Monitoring	Monitoring Early Marine Growth of Juvenile Salmon in Prince William Sound	X			\$50	M									X
196		Option Not Identified	Pink Salmon Stream Enhancement in Prince William Sound, Lower Cook Inlet and Kodiak	X	X	X	\$300	M									X
197	Recreation	Establish Marine Environmental Institute	Build Research and Monitoring Facilities and Program/Cook Inlet, Kodiak		X	X	\$1,250	M									X
198		Establish Marine Environmental Institute	Oiled Wildlife Rehabilitation Center	X	X	X	\$6,000	1									X
199		Establish Marine Environmental Institute	Seward Sea Life Center	X	X	X	\$40,000	1									X
200		Habitat Protection and Acquisition	17(b) Easement Identification-Public Access	X	X	X	\$500	M									X
201		Habitat Protection and Acquisition	Acquisition of Important Recreation Lands	X	X	X	\$500	M									X

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	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									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															X
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									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M	✓								
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									✓

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															X
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									X
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									X
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									X

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93=Funded in 1993 M=Multi-year Project

Name: Glenn Hollowell
 Phone: (907)-474-0099

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	1	2	2	2
				P	K	K			9	9	9	9	9	9	9	0	0	0
				W	E	O			4	5	6	7	8	9				
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1										X
233		Visitor Center	Interpretation of PWS	X			\$10	M										X
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1										X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1										X
236		Visitor Center	Valdez Visitor Center	X			\$850	1										X
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M	✓	✓								
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M	✓	✓								
239		Restoration Monitoring																X
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1										X
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M										X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M										X
243		Monitoring																
244	Sea Otter	Cooperative Prgm-Subsistence Users																
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	✓									
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M	✓	✓								
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M	✓									
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M	✓	✓	✓							
249		Restoration Monitoring																

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 Phone: (907) 574-0099

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
268	Subsistence	Option Not Identified	Mariculture Technical Center	X	X	X	\$2,200	1									X
269		Option Not Identified	Seward Shellfish Hatchery	X	X	X	\$1,300	1									X
270		Recovery Monitoring	Survey of Impacted Native Communities-Subsistence	X	X	X	\$700	M	✓	✓	✓						
271		Replace Harvest Opportunities	Chenega Bay Replacement Subsistence Resource Project	X			\$50	M									X
272		Replace Harvest Opportunities	Chenega Chinook and Coho Release Program	X			\$55	M									X
273		Replace Harvest Opportunities	Port Graham Salmon Hatchery		X		\$2,500	1									X
274		Replace Harvest Opportunities	Silver Lake Fish Hatchery	X			\$1,000	1									X
275		Replace Harvest Opportunities	Subsistence Harvest Replacement-Transport Subsistence Users to Unoiled Areas	X	X	X	\$55	M									X
276		Restoration Monitoring															
277		Subsistence Mariculture Sites	Village Mariculture Project - Oyster Farming	X	X	X	\$589	M									X
278		Test Subsistence Foods	Assessment and Quality Assurance of Shellfish Resources	X	X	X	\$300	M									X
279		Test Subsistence Foods	Subsistence Food Safety Testing	X	X	X	\$308	93 - M	✓	✓	✓						
280	Subtidal	Habitat Protection	Juvenile Spot Shrimp Habitat Identification	X	X		\$110	M	✓	✓							
281		Intensify Management	PWS Spot Shrimp Recovery Management Plan	X			\$715	M									X
282		Monitoring	PWS Spot Shrimp Survey	X			\$90	M									X
283		Monitoring	Injury and Recovery of Deep-Benthic Macrofaunal Communities	X	X	X	\$275	M	✓	✓	✓						
284		Monitoring	Natural Recovery Monitoring of Subtidal Eelgrass Communities in PWS	X			\$265	93 - M	✓	✓	✓						
285		Monitoring	Recovery Monitoring of Hydrocarbon-Contaminated Subtidal Marine Sediment Resources	X	X	X	\$390	M	✓	✓	✓						
286		Monitoring	Subtidal Recovery Monitoring	X	X	X	\$400	M	✓	✓	✓						
287		Restoration Monitoring	Experimental Studies of Interaction Between Subtidal Epifaunal Invertebrates	X	X	X	\$90	M	✓								
288	Technical Services	Administration	Electronic Archiving of Exxon Valdez Records	X	X	X	\$450	M									X
289		Administration	Geographic Information System Mapping of Natural Resources in Western PWS	X			\$75	M									X

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M	✓	✓							
291		Administration	Toxicological Profile of PWS	X			\$150	M	✓	✓							
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M	✓	✓							
293		Public Information	Database Integration	X	X	X	\$148	M	✓	✓	✓						
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M	✓	✓	✓						
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M	✓	✓	✓						
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									
			?														

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EXXON VALDEZ OIL SPILL
TRUSTEE COMMITTEE

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MAY 07 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

DANA JACALLEN
1819 MILL BAY RD.
KODIAK ALASKA 99615

Gentle people,
Sooner or later you are going to have to address the reality of the depleted salmon stocks in the spill area in a realistic manner. Enclosed is a brief description of a proven method of salmon rehabilitation that is both effective in terms of fish produced per dollar and ecological compatibility.

Alaska Aquaculture, based in Wrangell Alaska, has a mechanical salmon egg planting device that is capable of injecting salmon eggs directly into the stream bed.

Using water pressure from a portable pump this machine hydraulically burrows a tube into the gravel of just about any stream. When the desired depth is reached a given quantity of eggs can then be deposited into the gravel. When properly placed the survival rate from the egg to the fry stage using this device has been proven to be ninety eight percent. The survival rate from egg to fry naturally is seldom greater than twelve percent.

Salmon hatcheries boast a ninety eight percent survival rate but there are two things that hatcheries cannot achieve that this device can, first is the cost per fry produced, easily millions of fish can be nurtured at about ten percent of the cost of hatchery operation. Second, the fry out migrate at a natural rate from the spawning bed in exactly the same manner as the naturally spawned fish do, so you have no massive unnatural "release" of fry into the ecosystem.

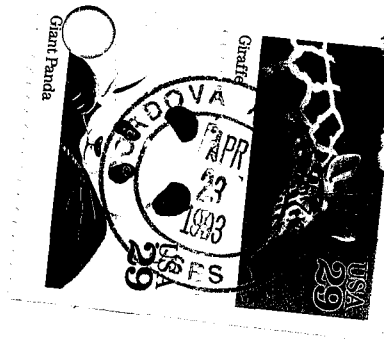
The use of the device also effectively removes silt deposits from the area where it is used, it has very few limitations on where it can be applied, stream depth and substrate are not necessarily a factor in whether or not an area is reseedable.

A failure to attempt to utilize the proven advantages of this technology by any group claiming to have the best interests of the owners of the resource at heart is indeed an incomplete effort, if not a fruitless one.

DANA JACALLEN



JAY JOHNSON
PO BX 1766
CORDOVA AK 99574-1766



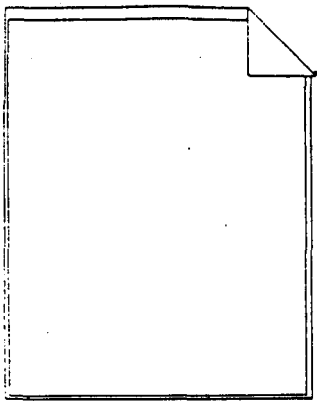
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1994 Work Plan Work Group
645 "G" Street
Anchorage, Alaska 99501

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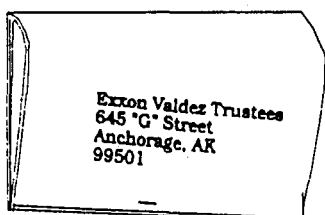
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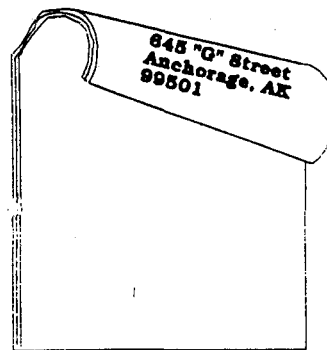
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TRUSTEE COUNCIL



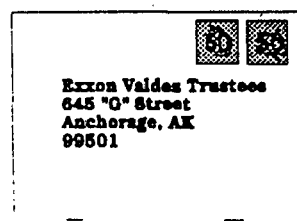
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Sheets On Top Of This Page....



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Together....



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Sheets....



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1994 POTENTIAL PROJECT TITLES

Page 1

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST COST/YR \$K	EST DURATION (YEARS)	1	1	1	1	1	1	2	2	2	2
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	0 0 1	0 0 1
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M										
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1										
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M										
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M										
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M										
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1										
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M										
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M										
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M										
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M										
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M										
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M										
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M										
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M										
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M										
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1										
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M										
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M										
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M										
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M										
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M										

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1994 POTENTIAL PROJECT TITLES

Page 2

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

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

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M									
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M									
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									
174		Restoration Monitoring															
175		Temporary Predator Control															

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

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Name: _____

1994 POTENTIAL PROJECT TITLES

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Phone: _____

	RESOURCE OF SERVICE	RESTORATION OPTION OF SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Be Not Fund
				P W S	K E N	K O D			4	5	6	7	8	9	0	0	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M									
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, Colleege Fiord Wilderness Study Area	X			\$100	1									
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									
220		Option Not Identified	Increased Access PWS	X			\$100	M									
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									

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1994 POTENTIAL PROJECT TITLES

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1 9 4	1 9 5	1 9 6	1 9 7	1 9 8	1 9 9	2 0 0	2 0 1	2 0 1	2 0 1
				P W S	K E N	K O D												
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1										
233		Visitor Center	Interpretation of PWS	X			\$10	M										
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1										
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1										
236		Visitor Center	Valdez Visitor Center	X			\$850	1										
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M										
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M										
239		Restoration Monitoring																
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1										
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M										
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M										
243		Monitoring																
244	Sea Otter	Cooperative Prgm-Subsistence Users																
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M										
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M										
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M										
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M										
249		Restoration Monitoring																

Name: J. D. Johnson
 Phone: 424-3212

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBORTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M									
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M									
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M									
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M									
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M									
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M									
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M									
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M									
291		Administration	Toxicological Profile of PWS	X			\$150	M									
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M									
293		Public Information	Database Integration	X	X	X	\$148	M									
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									

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OCT 02 1995

April 24, 1993

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

re: Exxon oil spill restoration program.

Cecil R. Jones
33675 Jones Dr.
Homer, AK 99603

0015940428
RECEIVED
APR 28 1993

Dear Trustee Council members,

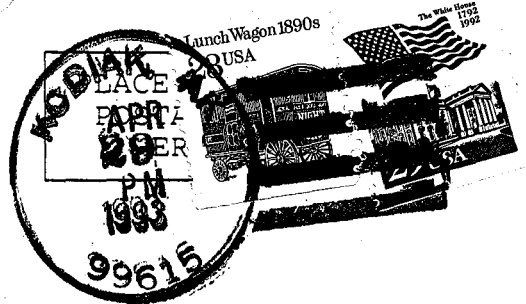
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

I have reviewed the potential projects proposed for 1994 and find this entire project to be utterly unbelievable. Someone somewhere is attempting to line their pockets with a bunch of fraudulent hype. There is not a project in the book that is worth wasting ten dollars on and the council is preparing to waste millions.

There must be some agency set up to keep some kind of control on these things. The ones doing these projects must be held accountable in some way for every dime spent. It is imperative that we do not end up with a bunch of visitor centers and on going useless programs that will later have to be supported by tax payers dollars or simply abandoned. Frankly, I don't feel there is one project listed that justifies any expenditure of time or money.

Sincerely,


Cecil R. Jones



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

RECEIVED
OCT 02 1995

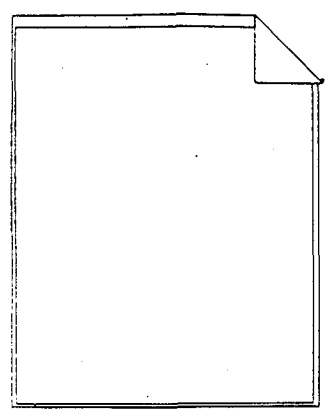
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

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MAY 03 1993

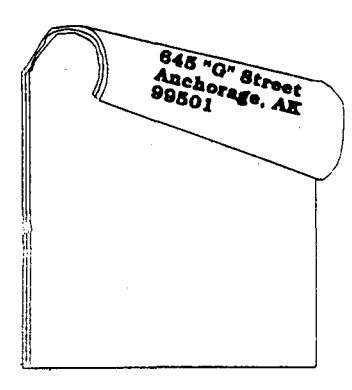
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL



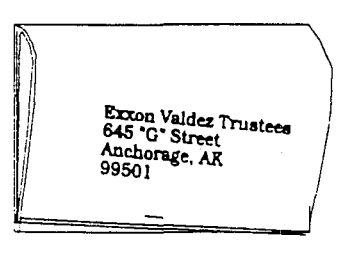
ANCHORAGE, AK
APR 1990



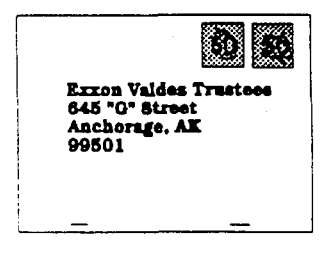
Please Stack Your Comment
Sheets On Top Of This Page....



Fold This Page Over Your Comment
Sheets....



Then Staple or Tape Sheets
Together....



Attach Correct Postage

Name: Tim Lyle
 Phone: 486-6559

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	DC
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	Not Fund
1	Archaeology	Acquire Archaeological Artifacts	Archaeological Specimens Collection, University of Alaska Museum	X	X	X	\$41	M									X
2		Acquire Archaeological Artifacts	Nuchek Heritage Interpretive Center, Design	X			\$300	1									X
3		Habitat Protection and Acquisition	Archaeological Site Acquisition	X	X	X	\$200	M									X
4		Intensified Management	Coastal Archaeological Inventory and Evaluation of Archaeological Sites-Interagency	X	X	X	\$525	M									X
5		Intensified Management	Vandalized Cultural Resources--Inventory, Evaluation, Interpretation	X	X	X	\$400	M									X
6		Option Not Identified	Restoration of Chenega Village Site	X			\$75	1									X
7		Option Not Identified	Site-specific Archaeological Restoration - Interagency	X	X	X	\$300	93 - M									X
8		Public Information	Passports in Time-Cultural Resource Patterns in PWS	X			\$230	M									X
9		Public Information	Heritage Information Replacement	X	X	X	\$200	M									X
10		Public Information	PWS Landmarks-Evaluation and Interpretation	X			\$400	M									X
11		Public Information	Public Education and Interpretation of Archaeological Resource	X	X	X	\$400	M									X
12		Restoration Monitoring	Study of Petroleum Hydrocarbon Spectra at Selected Sites	X	X	X	\$225	M									X
13		Site Patrol and Monitoring	Archaeological Site Protection-Public Education-Interagency	X	X	X	\$150	M									X
14		Site Patrol and Monitoring	Archaeological Site Protection-Site Patrol Monitoring-Interagency	X	X	X	\$210	M									X
15		Site Stewardship Program	Archaeological Site Stewardship Program	X	X	X	\$114	M									X
16		Visitor Center	Chugach National Forest Heritage Interpretive Center, Design	X			\$1,200	1									X
17	Bald Eagle	Habitat Protection	Identification and Protection of Important Bald Eagle Habitats	X	X	X	\$262	M	X	X	X	X	X	X	X	X	X
18		Recovery Monitoring	Bald Eagle Productivity Survey and Catalog	X	X	X	\$10	M	X								
19		Recovery Monitoring	Long-Term Population Monitoring for Bald Eagles	X	X	X	\$200	M									X
20	Black Oystercatcher	Recovery Monitoring	Black Oystercatcher Interaction with Intertidal Communities	X	X	X	\$108	93 - M									X
21		Recovery Monitoring	Feeding Ecology and Reproductive Success of Black Oystercatchers in PWS	X			\$125	M									X

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Name: Tom Loxley
 Phone: 450-6559

1994 POTENTIAL PROJECT TITLES

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				P	K	K			9	9	9	9	9	9	0	0	
				W	E	O			4	5	6	7	8	9	0	1	
22	Black Oystercatcher	Restoration Monitoring															X
23	Commercial Fishing	Habitat Protection and Acquisition	Weir And Conservation Land Acquisition	X	X	X	\$1,100	M	X	X	X	X	X	X	X	X	X
24		Intensify Management	Establish an Ecological Basis for Restoring and Enhancing Mixed-stock Salmon Resources	X	X	X	\$385	M	X	X	X	X	X	X	X	X	X
25		Intensify Management	Fishery Industrial Technology Center	X	X	X	\$3,500	1	X								
26		Intensify Management	Model for Capacity of Salmon Production for the Susitna Drainage		X		\$150	M									X
27		Intensify Management	Susitna River Sockeye Salmon Production Evaluation		X		\$300	M									X
28		Monitoring	Thirteen Commercial Species Hydrocarbon Contamination and Injury Assessment	X	X	X	\$200	M									X
29		Option Not Identified	Payoff Debt of Valdez Fisheries Development Association	X			\$5,000	1									X
30		Recovery Monitoring	Recovery of Coded-Wire Tags from Pink Salmon in Commercial Catches, Hatchery Cost Recovery	X			\$868	M									X
31		Recovery Monitoring	Wild Fish Stock Information Assessment	X	X	X	\$50	M	X	X							X
32		Replace Harvest Opportunities	Mitigation Fishery at Kitoi Bay Hatchery on Afognak Island			X	\$45	M	X	X	X						X
33		Replace Harvest Opportunities	Montague Island Chum Salmon Restoration	X			\$80	M	X	X	X						X
34		Replace Harvest Opportunities	Paint River Fish Ladder Salmon Stocking Program		X		\$50	M	X	X	X						X
35		Replace Harvest Opportunities	Red Lake Mitigation			X	\$191	M	X	X	X	X					X
36	Common Murre	Feasibility Study: Improve Nest Sites	Testing of the Feasibility of Enhancing Productivity	X	X	X	\$280	M									X
37		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Behavioral Attraction and Habitat Enhancement	X	X	X	\$51	93 - M									X
38		Feasibility Study: Social Stimuli	Restoration of Murres by Way of Transplantation of Chicks-Feasibility Study	X	X	X	\$73	M									X
39		Recovery Monitoring	Common Murre Population Monitoring	OUT	X	X	\$191	M									X
40		Reduce Disturbance	Reduce Disturbance Near Murre Colonies Injured by the Oil Spill	X	X	X	\$40	M	X	X							X
41		Remove Introduced Species	Removal of Introduced Predators from Bird Colonies	OUT			\$460	M									X

Name: Tim Toye
 Phone: 470-6559

1994 POTENTIAL PROJECT TITLES

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

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Name: Tim Joyce
 Phone: 456-6539

1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 3 4	9 3 5	9 3 6	9 3 7	9 3 8	9 3 9	0 0 0	0 0 1	
60	Harbor Seal	Cooperative Program-Fishermen															
61		Monitoring	Monitoring Trends in Abundance of Harbor Seals in PWS	X			\$39	M	X	X	X	X	X	X	X	X	X
62		Option Not Identified	Subsistence Harvest Assistance	X			\$23	M									X
63		Option Not Identified	Habitat Use and Behavior of Harbor Seals in PWS	X			\$165	93 - M									X
64		Recovery Monitoring	Habitat Use, Monitoring, Population Modelling, and Information Synthesis	X	X	X	\$230	M									X
65	Harlequin Duck	Eliminate Oil from Mussel Beds															X
66		Monitoring	Harlequin Duck Recovery Monitoring, Population Modelling and Habitat Information Synthesis	X	X	X	\$700	93 - M									X
67		Option Not Identified	Quantification of Stream Habitat for Harlequin Ducks from Remotely Sensed Data	X	X	X	\$53	M									X
68	Intertidal	Accelerate Recovery of Intertidal	Deposit Sand on Cleaned Beaches, to Promote Clam Recruitment-Feasibility Study	X	X	X	\$20	M									X
69		Accelerate Recovery of Intertidal	Fucus Restoration Feasibility Study	X	X	X	\$70	M									X
70		Accelerate Recovery of Intertidal	Restoration of High-Intertidal Fucus	X	X	X	\$300	M									X
71		Accelerate Recovery of Intertidal	Beach Subsurface Oil Recovery	X	X	X	\$50	M									X
72		Accelerate Recovery of Intertidal	Hydrodynamic Purging of Oil from Contaminated Beaches, PWS	X			\$500	M									X
73		Accelerate Recovery of Intertidal	Rapid Restoration of Weathered Crude Contaminated Beach Subsurface Material	X	X	X	\$800	M									X
74		Accelerate Recovery of Intertidal	Restore Shorelines Injured by Beach Berm Relocation	X	X	X		M									X
75		Monitoring	Coastal Habitat Injury Assessment - Intertidal Algae	X	X	X	\$620	M									X
76		Monitoring	Fate and Transport of Subsurface Hydrocarbons in Beach Deposits in PWS	X			\$600	M									X
77		Monitoring	Coastal Habitat Comprehensive Intertidal Monitoring Program	X	X	X	\$500	M									X
78		Monitoring	Hydrocarbons in Mussels from Coastal Gulf of Alaska, Cook Inlet and Shelikof Strait		X	X	\$200	M									X
79		Monitoring	Intertidal/Shallow Subtidal Crustacean (Decapod) Composition	X	X	X	\$275	M									X
80		Monitoring	Long-Term Monitoring -Acute and Chronic Toxicity of Residual Hydrocarbons to Littleneck Clams	X	X	X	\$50	M									X
81		Monitoring	Monitoring for Recruitment of Littleneck Clams	X	X	X	\$186	M									X

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1994 POTENTIAL PROJECT TITLES

	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	DO NOT FUND
				PWS	KEN	KOD			94	95	96	97	98	99	00	01	
82	Intertidal	Monitoring	Monitoring Sites - Collector Beaches and Lagoons	X	X	X	\$500	M									X
83		Monitoring	Natural Recovery of Oiled and Treated Shorelines and Monitoring	X	X	X	\$600	M									X
84		Monitoring	Quantification of Intertidal Algal Recovery Using Multispectral Digital Remote Sensing	X	X	X	\$195	M									X
85		Monitoring	Recovery Monitoring of Intertidal Oiled Mussel Beds	X	X	X	\$500	93 - M									X
86		Monitoring	Herring Bay Experimental and Monitoring Studies	X			\$495	93 - M									X
87		Option Not Identified	Bivalve Shellfish Rehabilitation Project	X	X	X	\$860	M									X
88		Option Not Identified	Clam Enhancement	X	X	X	\$120	M									X
89		Option Not Identified	Replacement of Oiled Mussels with Commercially Produced Mussels	X	X	X	\$500	M									X
90		Option Not Identified	Restoration of Mussel Beds	X	X	X	\$500	M									X
91		Option Not Identified	Characterization of Near-Shore Bottom Habitat	X	X	X	\$237	M									X
92	Killer Whale	Monitoring	Photo-Identification Studies of PWS Killer Whales	X			\$120	93 - M									X
93		Monitoring	Recovery Monitoring	X			\$125	M									X
94		Monitoring	Use of Satellite Transmitters to Investigate Killer Whale Ecology in PWS	X			\$180	M									X
95		Reduce Fishery Interactions	Change Black Cod Fishery Gear	X				M									X
96	Marbled Murrelet	Habitat Protection	Identification of Nesting Habitat Criteria and Reproductive Success for Marbled Murrelet	X	X	X	\$240	93 - M	X	X	X	X	X				X
97		Habitat Protection	Survey to Identify Upland Use by Murrelets	X	X	X	\$180	93 - M	X	X	X	X	X				X
98		Habitat Protection	Assessment of Marbled Murrelet Foraging Habitat Requirements During Breeding Season	X	X	X	\$250	M									X
99		Habitat Protection	Marbled Murrelet Nesting and Feeding Site Characterization and Assessment	X	X	X	\$509	M									X
100		Minimize Incidental Take															X
101		Recovery Monitoring	Determine Status of Marbled Murrelet Populations In Kenai Fjords and Katmai National Parks	X	X		\$200	M									X

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
158	Multiple Resources	Recovery Monitoring	Survey to Determine Distribution, Abundance, and Food Habits of Staging Migratory Waterfowl	X			\$91	M									X
159		Recovery Monitoring	Surveys to Monitor Marine Bird and Sea-Otter Populations	X	X	X	\$275	93 - M									X
160		Reduce Disturbance by Field Presence															
161		Reduce Disturbance Through Public Info	Public Information and Education	X	X	X	\$316	M	X	X	X						
162		Reduce Disturbance Through Public Info	Publish and Distribute Brochures on Injured Species	X	X	X	\$50	M	X	X	X						
163		Restoration Monitoring	Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species	X	X	X	\$500	M									X
164		Restoration Monitoring	Ecosystem Study	X	X	X	\$6,000	M									X
165	Pacific Herring	Intensify Management	Genetic Stock Identification for Herring in PWS	X			\$205	M									X
166		Intensify Management	Herring Spawn Deposition, Egg Loss, and Reproductive Impairment	X			\$400	M									X
167		Intensify Management	PWS Herring Tagging Feasibility Study	X			\$112	M									X
168		Monitoring	Herring Embryo Viability Evaluation - Natural and Catastrophic Effects	X			\$189	M									X
169		Monitoring	Larval Herring Age and Growth in PWS Using Otoliths	X			\$60	M									X
170		Option Not Identified	Enhancement of Pacific Herring	X	X	X	\$120	M									X
171		Restoration Monitoring															
172	Pigeon Guillemot	Monitoring	Pigeon Guillemot Colony Survey	X	X	X	\$40	93 - M									X
173		Monitoring	Pigeon Guillemot Recovery Enhancement and Monitoring	X	X	X	\$180	M									X
174		Restoration Monitoring															X
175		Temporary Predator Control															

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1994 POTENTIAL PROJECT TITLES

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

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1994 POTENTIAL PROJECT TITLES

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				P W S	K E N	K O D			9 9 4	9 9 5	9 9 6	9 9 7	9 9 8	9 9 9	0 0 0	0 0 1	
202	Recreation	Habitat Protection and Acquisition	Acquisition of Recreational Sites on Kodiak Road System			X	\$500	1									X
203		Habitat Protection and Acquisition	Land Exchange Shuyak for Kodiak Land on Road System			X	\$70	1									X
204		Habitat Protection and Acquisition	Shelter Cove, Cordova Restoration Project	X			\$50	M	X								X
205		Monitoring	Assessment of Economic Injuries to Wilderness-Based Tourism	X	X	X	\$100	M									X
206		Monitoring	Post-Oil Spill Recreation-Based User Survey for PWS	X			\$58	M									X
207		Monitoring	Recreation Field Management and Monitoring	X	X	X	\$700	M									X
208		New Backcountry Recreation Facilities	Enhanced Trail Opportunities, Including Columbia and Blackstone Glacier Trails	X			\$150	1									X
209		New Backcountry Recreation Facilities	Green Island Cabin Replacement	X			\$20	1									X
210		New Backcountry Recreation Facilities	Improve Marine Parks	X	X	X	\$100	M									X
211		New Backcountry Recreation Facilities	Low Impact Recreation Development Nellie Juan, College Fiord Wilderness Study Area	X			\$100	1									X
212		New Backcountry Recreation Facilities	Prince William Sound Campground	X			\$70	1									X
213		New Backcountry Recreation Facilities	Public Use Cabins in State Marine Parks	X	X	X	\$150	M									X
214		New Backcountry Recreation Facilities	PWS Kayak Trail	X			\$100	1									X
215		New Backcountry Recreation Facilities	PWS Recreation Facilities	X			\$250	1									X
216		Option Not Identified	Development of Gulf of Alaska Recreation Plan		X	X	\$140	1									X
217		Option Not Identified	Implement Prince William Sound Area Recreation Plan	X			\$400	M									X
218		Option Not Identified	Sustainable Tourism in PWS	X			\$240	M									X
219		Option Not Identified	Watchable Wildlife	X	X	X	\$65	M									X
220		Option Not Identified	Increased Access PWS	X			\$100	M									X
221		Plan Commercial Recreation Facilities	Recreation Development	X	X	X	\$200	M									X
222		Restoration Monitoring															
223		Visitor Center	Bird and Mammal Specimens, University of Alaska Museum	X	X	X	\$77	M									X
224		Visitor Center	Center for PWS Oil Spill and Natural Resource Education	X				1									X
225		Visitor Center	Coastal Habitat Specimens, University of Alaska Museum	X	X	X	\$310	M									X
226		Visitor Center	Cordova Environmental Education Center	X			\$15	1									X
227		Visitor Center	Cordova Mini-Imaginarium	X			\$63	1									X
228		Visitor Center	Develop Video Library of Intertidal Habitat and Biota to Assess Impacts	X	X	X	\$155	M									X
229		Visitor Center	Environmental Education Center in PWS	X			\$90	1									X
230		Visitor Center	Environmental Learning Resource Center	X	X	X	\$90	1									X
231		Visitor Center	Establish Natural Resource Library and Computer Support Technical Service in Cordova	X			\$450	1									X

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				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	P U B L I C
232	Recreation	Visitor Center	Information Center	X	X	X	\$600	1									X
233		Visitor Center	Interpretation of PWS	X			\$10	M									X
234		Visitor Center	Maritime Wing Valdez Museum	X			\$150	1									X
235		Visitor Center	Multi-agency Library on PWS and Copper River Delta	X			\$150	1									X
236		Visitor Center	Valdez Visitor Center	X			\$850	1									X
237	River Otter	Monitoring	River Otter Recovery Monitoring	X			\$180	M									X
238		Monitoring	Synthesis of Information on Ecology and Injury to River Otters in PWS	X			\$40	M									X
239		Restoration Monitoring															
240		Sport/trap Harvest Guidelines	Develop Harvest Guidelines to Aid Restoration of Injured Terrestrial Mammals and Seaducks	X	X	X	\$99	1									X
241	Rockfish	Intensify Management	Develop a Rockfish Management Plan	X	X		\$175	M									X
242		Monitoring	Monitoring Injury to Rockfish in PWS	X			\$117	M									X
243		Monitoring															
244	Sea Otter	Cooperative Prgm-Subsistence Users															
245		Habitat Protection (Public Land)	Habitat Utilization by Sea Otters and Designation of Protected Areas	X	X	X	\$83	M	X	X	X						
246		Monitoring	Monitoring of Sea Otter Population Abundance, Distribution, Reproduction, and Mortality	X	X	X	\$337	M									X
247		Monitoring	Radio-Telemetry Project to Monitor Recovery of Sea Otters	X	X	X	\$450	M									X
248		Monitoring	Sea Otter Population Dynamics	X	X	X	\$291	93 - M									X
249		Restoration Monitoring															

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				P	K	K			9	9	9	9	9	9	0	0	
250	Sea Otter	Study: Eliminate Oil from Mussel Beds															X
251	Sockeye Salmon	Fish Passes and Access	Solf Lake Fish Pass	X			\$120	M	X	X							X
252		Intensify Management	Develop and Deploy In-River Hydroacoustic Counters for Sockeye Salmon in the Kenai River		X		\$333	M									X
253		Intensify Management	Genetic Monitoring of Kodiak Island Sockeye Salmon			X	\$275	M									X
254		Intensify Management	Genetic Stock Identification of Kenai River Sockeye		X		\$500	93 - M									
255		Intensify Management	Kenai River Sockeye Salmon Restoration		X		\$1,000	93 - M	X	X	X	X					
256		Intensify Management	Lower Cook Inlet Sockeye Salmon Restoration and Enhancement		X		\$143	M	X	X	X	X					
257		Monitoring	Ayakulik River Sockeye Salmon Escapement Evaluation			X	\$6	M	X	X	X	X					
258		Monitoring	Sockeye Salmon Overescapement		X	X	\$641	93 - M	X	X	X	X					
259		Option Not Identified	Restoration of the Coghill Lake Sockeye Salmon Stock	X			\$165	93 - M	X	X	X	X					
260		Option Not Identified	Red Lake Salmon Restoration			X	\$72	M	X	X	X	X					
261	Sport Fishing	Recovery Monitoring															
262		Replace Harvest Opportunities	Fort Richardson Hatchery Improvement		X		\$4,200	1									X
263		Restoration Monitoring															
264	Subsistence	Access to Traditional Foods															
265		Bivalve Shellfish Hatchery															
266		Option Not Identified	Chenega Bay Subsistence Restoration Project (Remove Oil)	X			\$200	M									X
267		Option Not Identified	Mariculture Hatchery and Research Center Feasibility Study and Design	X	X	X	\$300	1									X

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	RESOURCE or SERVICE	RESTORATION OPTION or SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	29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Name: Tim Dwyer
 Phone: 476-6559

1994 POTENTIAL PROJECT TITLES

	RESOURCE OR SERVICE	RESTORATION OPTION OR SUBOPTION	POTENTIAL PROJECTS	REGION			EST. COST/YR \$K	EST. DURATION (YEARS)	1	1	1	1	1	1	2	2	Do Not Fund
				P W S	K E N	K O D			9 4	9 5	9 6	9 7	9 8	9 9	0 0	0 1	
290	Technical Services	Administration	Hydrocarbon Data Analysis and Interpretation	X	X	X	\$105	93 - M									X
291		Administration	Toxicological Profile of PWS	X			\$150	M									X
292		Public Information	CD-ROM Publication of Digital Spatial Data from Exxon Valdez Oil Spill Mapping Activities	X	X	X	\$8	M									X
293		Public Information	Database Integration	X	X	X	\$148	M									X
294		Public Information	Develop User Friendly Synopsis of Oil Spill Information	X	X	X		M									X
295		Public Information	Providing Public Access to Oilspill GIS Databases Using Arcview in PC Windows Environment	X	X	X	\$120	M									X
296		Public Information	Public Access Repository for Oil Spill Geographic Information System (GIS)	X	X	X	\$100	M									X
297		Public Information	User-Friendly GIS and Remote-Sensing Demonstration Center for Public-5 Communities	X	X	X	\$72	M									X

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

Phone: _____

1994 POTENTIAL PROJECT TITLES

[illegible]

PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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1994 POTENTIAL PROJECT TITLES

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[illegible]

PWS=Prince William Sound, KEN=Kenai Peninsula and Cook Inlet,
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