Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

FAX COVER SHEET

To: Trustee Council

From: Molly McCammon Date: February 28, 1996

Comments: Total Pages: _____

Pls forward to the TC member in your ofc. The Eyak Resolution will be faxed to you as soon as it is available. Thank you

TRUSTEE COUNCIL MEMBERS AND THEIR ALTERNATES:

Botelho, Bruce	Tillery, Craig
	Brown, Michele
Frampton, Jr., George T.	Williams, Deborah
Janik, Phil	Wolfe, Jim
Pennoyer, Steve	~~Collinsworth, Don~~ e
Rue, Frank	~~Bosworth, Rob~~ e

Janet Kowalski 465-4759

Document Sent By: Rebecca

8/15/95

Janik Brown
Pennoyer
Rue 465-4759
Traci

State ... stee Agencies
United States: ... & Game, Law, and Environmental Conservation
... ric Administration, Departments of Agriculture and Interior

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Janet Kowalski 465-4759

Document Sent By: Rebecca

8/15/95

****
*** MULTI TRANSACTION REPORT ***
****

TX/RX NO. 4899

INCOMPLETE TX/RX

TRANSACTION OK	[09] 19075867589	JUNEAU OFFICE
	[25] 19075867840	P.JANIK
	[28] 19075867249	S.PENNOYER
	[31] 19074655070	MICHELE BROWN
	19074654759	

ERROR

Statement 1

Statement of Exxon Settlement Funds
As of January 31, 1996

Beginning Balance of Settlement	900,000,000
Receipts:	
Interest Earned on Exxon Escrow Account	831,233
Net Interest Earned on Joint Trust Fund (See Note 1)	11,973,798
Interest Earned on United States and State of Alaska Accounts	2,404,950
Total Interest	15,209,980
Disbursements:	
Reimbursements to United States and State of Alaska	153,079,887
Exxon clean up cost deduction	39,913,688
Joint Trust Fund deposits	287,837,658
Total Disbursements	480,831,233
Funds Available	
Exxon future payments	420,000,000
Balance in Joint Trust Fund (See Statement 2)	102,266,723
Future acquisition payments	(48,091,667)
Alaska Sealife Center	(12,456,000)
Remaining Reimbursements	(23,300,000)
Other (See Note 2)	432,337
Total Estimated Funds Available	438,851,393

Note 1: Gross interest earned less District Court registry fees.
Note 2: Adjustment for unreported interest earned and lapse

Footnotes:

1 - The Joint Trust Fund Balance includes the Restoration Reserve Fund which has been allocated $36 million to date.
2 - As of the date of this report, the $5,191,122 court request associated with the 1996 Work Plan has not been withdrawn and is reflected in the Joint Trust Fund Balance.

Statement 2

Cash Flow Statement
Exxon Valdez Oil Spill Settlement United States and State of Alaska Joint Trust Fund
As of January 31, 1996

Receipts:		
Exxon payments		
Deposit December 1991	36,837,111	
Deposit December 1992	56,586,312	
Deposit September 1993	68,382,835	
Deposit September 1994	58,728,400	
Deposit September 1995	67,303,000	
Total Deposits	287,837,658	287,837,658
Interest Earned	13,288,876	
Total Interest	13,288,876	13,288,876
Total Receipts		301,126,534
Disbursements:		
Court requests		
Withdrawal June 1992	12,879,700	
Withdrawal December 1992	6,567,254	
Withdrawal June 1993	21,067,740	
Withdrawal November 1993	29,950,000	
Withdrawal November 1993	4,743,925	
Withdrawal June 1994	15,860,728	
Withdrawal October 1994	10,664,256	
Withdrawal November 1994	3,111,204	
Withdrawal January 1995	13,911,091	
Withdrawal April 1995	17,200,000	
Withdrawal September 1995	1,652,014	
Withdrawal May 1996	30,951,032	
Withdrawal October 1995	12,500,000	
Withdrawal November 1995	11,294,667	
Withdrawal January 1996	5,191,122	
Total Requests	197,544,733	197,544,733
District Court Fees	1,315,078	1,315,078
Total Disbursements		198,859,810
Balance in Joint Trust Fund		102,266,723

Footnotes:

1 - The Joint Trust Fund Balance includes the Restoration Reserve Fund which has been allocated $36 million to date.

Schedule of Payments for Exxon Valdez Oil Spill Settlement Monies from Exxon
As of January 31, 1996

Disbursements:	*FFY 1991 December 31 1991*	*FFY 1992 December 1 1992*	*FFY 1992 September 1 1993*	*FFY 1994 September 1 1994*	*FFY 1995 September 1 1995*	*Total*
Reimbursements:						
United States						
FFY92	24,726,280	0	0			24,726,280
FFY93	0	24,500,000	11,617,165			36,117,165
FFY94	0	0	0	6,271,600		6,271,600
FFY95	0	0	0		2,697,000	2,697,000
Total United States	24,726,280	24,500,000	11,617,165	6,271,600	2,697,000	69,812,045
State of Alaska						
General Fund:						
FFY92	25,313,756	0	0			25,313,756
FFY93	0	16,685,133	0			16,685,133
FFY94	0	0	14,762,703			14,762,703
FFY95	0	0	0	0		0
Mitigation Account:						
FFY92	3,954,086	0	0			3,954,086
FFY93	0	12,314,867	0			12,314,867
FFY94	0	0	5,237,297	5,000,000		10,237,297
FFY95 (Prevention Account)	0	0	0		0	0
Total State of Alaska	29,267,842	29,000,000	20,000,000	5,000,000	0	83,267,842
Total Reimbursements	53,994,122	53,500,000	31,617,165	11,271,600	2,697,000	153,079,887
Deposits to Joint Trust Fund						
FFY92	36,837,111	0	0			36,837,111
FFY93	0	56,586,312	68,382,835			124,969,147
FFY94	0	0	0			0
FFY95	0	0	0	58,728,400	67,303,000	126,031,400
Total Deposits to Joint Trust Fund	36,837,111	56,586,312	68,382,835	58,728,400	67,303,000	287,837,658
Exxon clean up cost deduction	0	39,913,688	0	0	0	39,913,688
Total Disbursements	90,831,233	150,000,000	100,000,000	70,000,000	70,000,000	480,831,233

Remaining Exxon payments to be made:

September 1994	0
September 1995	0
September 1996	70,000,000
September 1997	70,000,000
September 1998	70,000,000
September 1999	70,000,000
September 2000	70,000,000
September 2001	70,000,000
	420,000,000

Schedule of Disbursements for Exxon Valdex Oil Spill United States and State of Alaska Joint Trust Fund
As of January 31, 1996

	June 1992	*December 1992*	*June 1993*	*November 1993*	*December 1993*	*June 1994*	*October 1994*	*November 1994*	*January 1995*	*April 1995*	*May 1995*	*September 1995*	*October 1995*	*November 1995*	*January 1996*	*Total*
Disbursements:																
Court Requests																
United States																
FFY92	6,320,500	0	0	0	0	0										6,320,500
FFY93	0	3,074,029	6,031,852	0	0	0										9,105,881
FFY94	0	0	0	0	2,516,069	3,492,318	0									6,008,387
FFY95	0	0	0	0	0	0	3,576,179	0	4,676,182	17,200,000	1,480,251	21,087,316				48,019,928
FFY96														8,000,000	3,222,224	11,222,224
Total United States	6,320,500	3,074,029	6,031,852	0	2,516,069	3,492,318	3,576,179	0	4,676,182	17,200,000	1,480,251	21,087,316	0	8,000,000	3,222,224	69,454,696
State of Alaska																
FFY92	6,559,200	0	0	0	0	0										6,559,200
FFY93	0	3,493,225	15,035,888	0	0	0										18,529,113
FFY94	0	0	0	29,950,000	2,227,856	12,368,410										44,546,266
FFY95	0	0	0	0	0	0	7,088,077	3,111,204	9,234,909		171,763	9,863,716	12,500,000			41,969,669
FFY96														3,294,667	1,968,898	5,263,565
Total State of Alaska	6,559,200	3,493,225	15,035,888	29,950,000	2,227,856	12,368,410	7,088,077	3,111,204	9,234,909	0	171,763	9,863,716	12,500,000	3,294,667	1,968,898	111,604,248
Total Court Requests	12,879,700	6,567,254	21,067,740	29,950,000	4,743,925	15,860,728	10,664,256	3,111,204	13,911,091	17,200,000	1,652,014	30,951,032	12,500,000	11,294,667	5,191,122	181,058,944
District Court Fees																1,315,078
Total Disbursements																182,374,022

Total Disbursements represent the amount of funds which were either transferred to the State or Federal Governments and the Payment of District Court Fees.

Schedule of Work Plan Authorizations and Other Authorizations

	FFY 92	*FFY 93*	*FFY 94*	*FFY 95*	*FFY 96*	*Total*
Work Plan authorizations						
United States:						
June 15, 1992	6,320,500	0	0			
January 25, 1993	0	3,113,900	0			
January 25, 1993	0	6,035,500	0			
November 10, 1993	0	0	0			
November 30, 1993	0	0	2,567,800			
June 1994			4,536,800			
June 1994			84,500			
July 1994			1,500,000			
August 1994				2,245,600		
November 1994				2,842,900		
December 1994				749,600		
March 1995				1,484,100		
August 1995					6,202,100	
December 1995					3,270,900	
Total United States	6,320,500	9,149,400	8,689,100	7,322,200	9,473,000	40,954,200
State of Alaska						
June 15, 1992	6,559,200	0	0			
January 25, 1993	0	3,574,000	0			
January 25, 1993	0	7,570,900	0			
November 30, 1993	0	1,500,000	4,454,300			
June 1994			12,391,700			
June 1994			215,800			
July 1994			0			
August 1994				7,717,200		
November 1994				9,098,700		
December 1994				180,500		
March 1995				492,600		
August 1995					12,690,300	
December 1995					2,231,100	
Total State of Alaska	6,559,200	12,644,900	17,061,800	17,489,000	14,921,400	68,676,300
Total Work Plan authorizations	12,879,700	21,794,300	25,750,900	24,811,200	24,394,400	109,630,500
Other Authorizations						
United States:						
Orca Narrows (6/94, Eyak)			2,000,000	1,650,000		3,650,000
Kodiak National Wildlife Refuge (3/95, 9/95 AKI)				21,000,000		21,000,000
Kodiak National Wildlife Refuge (3/95, 9/95 Old Harbor)				11,250,000		11,250,000
Koniag					8,000,000	8,000,000
Total United States			2,000,000	33,900,000	8,000,000	43,900,000
State of Alaska:						
Kachemak Bay State Park (1/95)		7,500,000				7,500,000
Seal Bay (11/93,11/94)			29,950,000	3,229,042	3,294,667	36,473,709
Alaska SeaLife Center					12,500,000	12,500,000
Total State of Alaska		7,500,000	29,950,000	3,229,042	15,794,667	56,473,709
Total Land Acquisitions	0	7,500,000	31,950,000	37,129,042	23,794,667	100,373,709
Restoration Reserve			12,000,000	12,000,000	12,000,000	36,000,000
Total	12,879,700	29,294,300	69,700,900	73,940,242	60,189,067	246,004,209

Footnotes:

Work Plan Authorization and Land Acquisitions only. Will not balance to the Schedule of Disbursements from the Joint Trust Fund or the court requests due to the reauthorization of projects (carry-forward) and deductions for interest and lapse.

This schedule does tie to the quarterly reports with the exception of 93' and 92'. In FY93 the Work Plan represented the transition to the Federal Fiscal Year from the Oil Year or a seven month period. This schedule presents authorization on the Federal Fiscal Year and as such FFY92 and FFY93 does not balance.

The Trustee Council conditionally approved $181,900 for Fleming Spit on 6/1/95. However, the project was not approved by the Department of Justice and as such has not been included on this statement.

Exxon Valdez Oil Spill Joint Trust Fund Account						
Interest Earned/District Court Registry Fees						
As of January 31, 1996						
	FFY 1992	FFY 1993	FFY 1994	FFY 1995	FFY 1996	Total
Earnings Deposits	17,683	31,124	33,476	55,809		138,092
Earnings Allocated:						
1991	28,704					28,704
1992	526,613	553,696				1,080,309
1993		639,180	1,461,735			2,100,915
1994			1,876,789	1,402,937		3,279,726
1995				3,661,063	1,684,989	5,346,052
Total	555,317	1,192,876	3,338,524	5,064,000	1,684,989	11,835,706
Total Earnings	573,000	1,224,000	3,372,000	5,119,809	1,684,989	11,973,798
Registry Fees:						
1991	3,189					3,189
1992	19,811	100,223				120,034
1993		53,777	179,658			233,435
1994			184,342	180,072		364,414
1995				406,785	187,221	594,006
Total	23,000	154,000	364,000	586,857	187,221	1,315,078
Gross Earnings	596,000	1,378,000	3,736,000	5,706,666	1,872,210	13,288,876

Schedule of Interest Earned on United States and State of Alaska Accounts			
As of January 31, 1996			
	State of Alaska EVOSS Account	United States NRDA& R	Total
June 1992	22,675		22,675
July 1992	23,952		23,952
August 1992	21,300		21,300
September 1992	12,847		12,847
October 1992	13,774		13,774
November 1992	11,775		11,775
December 1992	9,463		9,463
January 1993	7,670		7,670
February 1993	16,263		16,263
March 1993	13,862		13,862
April 1993	11,568		11,568
May 1993	10,309		10,309
June 1993	7,713		7,713
July 1993	38,502		38,502
August 1993	31,719		31,719
September 1993	21,069		21,069
October 1993	19,030		19,030
November 1993	28,561		28,561
December 1993	16,817		16,817
January 1994	22,398		22,398
February 1994	19,086	117,178	136,264
March 1994	20,754		20,754
April 1994	18,714		18,714
May 1994	15,878		15,878
June 1994	17,707	34,621	52,328
July 1994	52,823		52,823
August 1994	43,845		43,845
September 1994	40,408	43,567	83,975
October 1994	44,291	(5,950)	38,341
November 1994	63,286		63,286
December 1994	67,496		67,496
January 1995	89,341	3,849	93,190
February 1995	100,714		100,714
March 1995	104,570		104,570
April 1995	95,432	17,033	112,465
May 1995	92,595		92,595
June 1995	80,613		80,613
July 1995	76,424	50,042	126,466
August 1995	68,771	0	68,771
September 1995	59,945		59,945
October 1995	133,486	44,826	178,313
November 1995	154,119		154,119
December 1995	143,917		143,917
January 1996	134,300		134,300
Total	**2,099,783**	**305,167**	**2,404,950**

NOTES: The $117,178 NRDA&R interest figure is a cumulative amount. Monthly and quarterly figures are not available for prior periods. Bob Baldauf at the Office of Budget will start tracking/recording on a quarterly basis.

The October 1994 NRDA&R negative reflects an adjustment to interest earned.

Schedule of Interest Adjustments to the Court Requests
As of January 31, 1996

	June 1992	*December 1992*	*June 1993*	*December 1993*	*June 1994*	*October 1994*	*November 1994*	*December 1994*	*March 1995*	*August 1995*	*January 1996*	*Total*	Unallocated Interest
Disbursements:													
Court Requests													
United States													
FFY92	0											0	
FFY93		39,871	3,648									43,519	
FFY94				51,231	22,427							73,658	
FFY95						34,621		37,618	3,849	63,226		139,314	
FFY96											48,676	48,676	
Total United States	0	39,871	3,648	51,231	22,427	34,621	0	37,618	3,849	63,226	48,676	305,167	(0)
State of Alaska													
FFY92	0											0	
FFY93		80,775	35,012									115,787	
FFY94				64,944	239,090							304,034	
FFY95						52,823	117,838	44,291	320,837	449,634		985,423	
FFY96											262,202	262,202	
Total State of Alaska	0	80,775	35,012	64,944	239,090	52,823	117,838	44,291	320,837	449,634	262,202	1,667,446	432,337
Total Adjustment	**0**	**120,646**	**38,660**	**116,175**	**261,517**	**87,444**	**117,838**	**81,909**	**324,686**	**512,860**		**1,972,613**	**432,337**

Footnotes:

The unallocated interest is tied to the INT Acct. sheet.

Schedule of Lapse Adjustments to the Court Requests
As of January 31, 1996

	December 1993	*June 1994*	*August 1995*	*Total*
Disbursements:				
Court Requests				
United States				
FFY92				0
FFY93				0
FFY94		3,106,555		3,106,555
FFY95				0
FFY96			220,858	220,858
Total United States	0	3,106,555	220,858	3,327,413
State of Alaska				
FFY92				0
FFY93				0
FFY94	3,661,600			3,661,600
FFY95				0
FFY96			2,376,950	2,376,950
Total State of Alaska	3,661,600	0	2,376,950	6,038,550
Total Adjustment	**3,661,600**	**3,106,555**	**2,597,808**	**9,365,963**

Exxon Valdez Oil Spill Trustee Council
Restoration Office
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Phone: (907) 278-8012 Fax: (907) 276-7178

MEMORANDUM

To: Trustee Council Members

From: Molly McCammon
Executive Director

Date: February 28, 1996

Subj: Reallocation of Project Funds

The Prince William Sound Economic Development Council has requested an additional $20,000 for Project 96115, the Sound Waste Management Plan. With the additional funds, the contractor, Ross and Associates, would do additional planning and project development based on earlier findings from this planning effort. The work would be invoiced according to actual work performed, and is consistent with the current contract.

To fund this increment, I recommend the Trustee Council adopt a motion to transfer $20,000 from Project 96100 to Project 96115, plus $1,400 for general administration. The funds in Project 96100 were originally allocated to the Alaska Department of Environmental Conservation for a staff member of the Anchorage Restoration Office who has recently resigned.

RECOMMENDED MOTION: Transfer $21,400 from Project 96100 to 96115 within the Alaska Department of Environmental Conservation.

mm/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

AGENDA
EXXON VALDEZ OIL SPILL SETTLEMENT
TRUSTEE COUNCIL TELECONFERENCED MEETING
FEBRUARY 28, 1996 @ 3:30 P.M.
ANCHORAGE

2/28/96
8:50 am

DRAFT

Trustee Council Members:

BRUCE BOTELHO/CRAIG TILLERY
Attorney General/Trustee
State of Alaska/Representative

MICHELE BROWN
Commissioner
Alaska Department of Environmental Conservation

GEORGE T. FRAMPTON, JR./DEBORAH WILLIAMS
Assistant Secretary/Trustee Representative for Fish & Wildlife & Parks
U.S. Department of the Interior

PHIL JANIK
Regional Forester - Alaska Region
U.S. Department of Agriculture
Forest Service

STEVE PENNOYER
Director, Alaska Region
National Marine Fisheries Service

FRANK RUE
Commissioner
Alaska Department of Fish & Game

Deborah Williams, Chair
Continuation Meeting

1. Call to Order 3:30 p.m.
   - Approval of Agenda

2. Quarterly Project Status Summary (no action)
   Monthly Financial Statement

3. Executive Session to discuss Habitat Protection Negotiations including Eyak Core Lands

4. Eyak Core Lands*

5. Technical Amendment to Project 96115*

Adjourn 4:30 p.m.

* Action Items

raw

11.7.4_F

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

MEMORANDUM

To: Trustee Council Members

From: Molly McCammon
Executive Director

Date: February 28, 1996

Subj: Reallocation of Project Funds

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To fund this increment, I recommend the Trustee Council adopt a motion to transfer $20,000 from Project 96100 to Project 96115, plus $1,400 for general administration. The funds in Project 96100 were originally allocated to the Alaska Department of Environmental Conservation for a staff member of the Anchorage Restoration Office who has recently resigned.

RECOMMENDED MOTION: Transfer $21,400 from Project 96100 to 96115 within the Alaska Department of Environmental Conservation.

mm:raw

11.7.4 E

248 signatures

URGENT PETITION
TO PROTECT EYAK LAKE, EYAK RIVER & POWER CREEK

LAST CHANCE TO PROTECT CORDOVA'S WATERSHED!!!

In response to the plans by Eyak Corporation to harvest 5 million board feet (about 20%) of trees around Eyak Lake, Eyak River and Power Creek starting March 15 we the undersigned have grave concerns about:

√ **public safety** – helicopter and logging truck operations within city limits and in popular recreational areas,
√ **public health** – adequate watershed protection for the City's water supply (under Area Meriting Special Attention or AMSA) and noise disturbance from operations,
√ **riparian habitat** – cutting a large number (61) of trees within the Eyak River stream side buffer may harm Eyak River fish habitat and salmon runs, and
√ **road maintenance** – the City and State should not be held liable to maintain roads damaged from Eyak Corporation's operations.

RECEIVED
JUN 6 1996
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL
ADMINISTRATIVE RECORD

Since the proposed Eyak Corporation operations are under City jurisdiction as an annexed and AMSA area, we the undersigned request the City to aggressively advocate a deal between Eyak Corporation and the EVOS Trustee Council to purchase all timber rights in the Core Lands, including Eyak Lake, Eyak River and Power Creek as an alternative and prior to any logging. Further, we urge the City to NOT support acquisition of timber rights or fee simple title to these lands if any logging commences.

If negotiations to purchase the intact Core Lands are unsuccessful, we the undersigned expect the City to charge the full sales tax of 6% on all timber sales. Further, we request the City to have Eyak Corporation post a Restoration Bond sufficient to mitigate potential damage to the City's watershed, riparian habitat, City roads, State roads, and USFS trails.

NAME (PRINT)	NAME (SIGN)	ADDRESS	DATE
Mike Pearson	Mike Pearson	1733 cdv	2-15-96
TERESA A. HARDIE	Teresa A. Hardie	Box 2253	2-15-96
[illegible]	[illegible]	Box 78	2-15-96
Donald Hardie	Donald Hardie	Box 2253	2-15-96
Joel Allen	Joel Allen	Box 461	2-15-96
Holly Ewald	Holly Ewald	Box 740	2-15-96
[illegible]	Dennis Anderson	Box 1040	2-15-96
Mike Ledford	[illegible]	" 1355	2-17-96
Dan Runkquist	[illegible]	P.O. Box 1913	2-17-96
KARL BECKER	Karl Becker	Box 1185, CORDOVA	2-15-96
Edward Ulasoff	Edward Ulasoff	Box 1731 Cordova	2-15-96
Julie Quales	Julie Quales	Box 1202 Cordova	2-15-96
CHARLES W QUALES	Charles W. Quales	[illegible]	
Laura Cragun	Laura Cragun	Box 1931 CDV	2-15-96
Max Cragun	Max Cragun	Box 1931 CDV	2-15-96

30

URGENT PETITION
TO PROTECT EYAK LAKE, EYAK RIVER & POWER CREEK

LAST CHANCE TO PROTECT CORDOVA'S WATERSHED!!!

In response to the plans by Eyak Corporation to harvest 5 million board feet (about 20%) of trees around Eyak Lake and Eyak River starting March 15, we the undersigned have grave concerns about:

- √ public safety – helicopter and logging truck operations within city limits and in popular recreational areas,
- √ public health – adequate watershed protection for the City's water supply (under Area Meriting Special Attention or AMSA) and noise disturbance from operations,
- √ riparian habitat – cutting a large number (60) of trees within the Eyak River stream side buffer may harm Eyak River fish habitat and salmon runs, and
- √ road maintenance – the City and State should not be held liable to maintain roads damaged from Eyak Corporation's operations.

Since the proposed Eyak Corporation operations are under City jurisdiction as an annexed and AMSA area, we the undersigned request the City to aggressively advocate a deal between Eyak Corporation and the EVOS Trustee Council to purchase all timber rights in the Core Lands, including Eyak Lake and Eyak River, as an alternative and prior to any logging. Further, we urge the City to NOT support acquisition of timber rights or fee simple title to these lands if any logging commences.

If negotiations to purchase the intact Core Lands are unsuccessful, we the undersigned expect the City to charge the full sales tax of 6% on all timber sales. Further, we request the City to have Eyak Corporation post a Restoration Bond sufficient to mitigate potential damage to the City's watershed, riparian habitat, City roads, State roads, and USFS trails.

NAME (PRINT)	NAME (SIGN)	ADDRESS	DATE
Michelle Wilson	Michelle Wilson	3408 Lois Dr. Anchor. 99517	21 Feb 96
Lydia Darby	Lydia Darby	1540 Medfra 99501	2/24/96
Rick Smeriglio	Rick Smeriglio	HCR 64 Box 5705 Seward, AK 99664	2/26/95
Eileen Shafe	Eileen Shafe	1512 Calaveras Anch AK 99508	2/26/95
Darby Andrews	Darby Andrews	PO Box 408 Girdwood, AK	99587 2/24
James Diehl	James Diehl	PO Box 868 Girdwood AK 99587	2/24/96
Mike O'Callaghan	Mike O'Callaghan	1540 Med Fra Anch AK	
Alissa Crandall	Alissa Crandall	3400 Harrier Circle, ANCH, AK 99504	2/27/96
Dan Mackinnon	Dan Mackinnon	9115 Miner Ct Juneau AK 99801	2/27/96
Dan Zatz	Dan Zatz	Box 2666 Homer 99603	2-28-96
Elizabeth A Webb	Elizabeth A Webb	40015 Waterman Rd. Homer AK 99603	2.28.96
Michelle Brown	Michelle Brown	P.O. Box 1868 Soldotna, AK 99669	2/28/96
Dave Lacey	Dave Lacey	Box 81765, Fairbanks, AK 99708-1765	
Patricia Walsh	Patricia Walsh	P.O. 81914 Fairbanks, Ak	2/28/96
Marie Monroe	Marie Monroe	P.O. Box 242 Valdez, AK 99686	2/28/96

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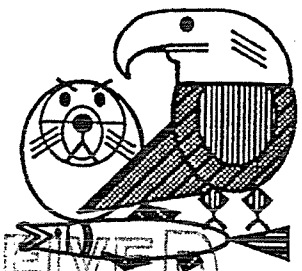
Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 "G" Street, Anchorage, AK 99501
Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Trustee Council

THROUGH: Molly McCammon
Executive Director

FROM: Traci Cramer
Administrative Officer

DATE: February 26, 1996

RE: Financial Report as of January 31, 1996

Attached is the Statement of Revenue, Disbursements and Fees, and accompanying notes for the *Exxon Valdez* Joint Trust Fund for the period ending January 31, 1996.

The following is a summary of the information incorporated in the notes and contained on the statement.

Joint Trust Fund Account Balance	$102,266,723	
Less: Current Year Commitments (Note 5)	$24,456,000	
Less: Restoration Reserve Balance (Note 6)	$36,000,000	
Plus: Adjustments (Note 7)	$432,337	
Uncommitted Fund Balance		$42,243,060
Plus: Future Exxon Payments (Note 1)	$420,000,000	
Less: Remaining Reimbursements (Note 3)	23,300,000	
Less: Remaining Commitments (Note 8)	$36,091,667	
Total Estimated Funds Available		$402,851,393

If you have any questions regarding the information provided please give me a call at 586-7238.

attachments

cc: Restoration Work Force
Bob Baldauf

NOTES TO THE STATEMENT OF REVENUE, DISBURSEMENTS AND FEES
FOR THE *EXXON VALDEZ* JOINT TRUST FUND
As of January 31, 1996

1. Contributions - Pursuant to the agreement Exxon is to pay a total of $900,000,000.

Received to Date	$480,000,000
Future Payments	$420,000,000

2. Interest Income - In accordance with the MOA, the funds are deposited in the United States District Court, Court Registry Investment System (CRIS). All deposits with CRIS are maintained in United States government treasury securities with maturities of 100 days or less. Total earned since the last report is $383,970.

3. Reimbursement of Past Costs - Under the terms of the agreement, the United States and the State are reimbursed for expenses associated with the spill. The remaining reimbursements represents that amount due the State of Alaska.

4. Fees - CRIS charges a fee of 10% for cash management services. Total paid since the last report is $42,663.

5. Current Year Commitments - Includes $12,456,000 for the Alaska SeaLife Center and the following land payments.

Seller	Amount	Due
Koniag, Incorporated	$4,500,000	September 1996
Akhiok-Kaguyak	$7,500,000	September 1996

6. Restoration Reserve - The total in the Restoration Reserve is $36,000,000.

7. Adjustments - Under terms of the Agreement, both interest earned on previous disbursements and prior years unobligated funding or lapse are deducted from future court requests. Unreported interest and lapse is summarized below.

	Interest	Lapse
United States	$0	
State of Alaska	$432,337	

8. Remaining Commitments - Includes the following land payments.

Seller	Amount	Due
Seal Bay	$3,091,667	November 1996
Akhiok-Kaguyak	$7,500,000	September 1997
Koniag, Incorporated	$9,000,000	September 1997 and 1998
Koniag, Incorporated	$16,500,000	September 2002

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STATEMENT OF REVENUE, DISBURSEMENT, AND FEES
EXXON VALDEZ OIL SPILL JOINT TRUST FUND
As of January 31, 1996

	1993	1994	1995	To Date 1995	Cumulative Total
REVENUE:					
Contributions: (Note 1)					
Contributions from Exxon Corporation	250,000,000	70,000,000	70,000,000	0	480,000,000
Less: Credit to Exxon Corporation for clean-up costs incurred	(39,913,688)				(39,913,688)
Total Contributions	210,086,312	70,000,000	70,000,000	0	440,086,312
Interest Income: (Note 2)					
Exxon Corporation escrow account					831,233
Joint Trust Fund Account	1,378,000	3,736,000	5,706,666	1,872,210	13,288,876
Total Interest	1,378,000	3,736,000	5,706,666	1,872,210	14,120,109
Total Revenue	**211,464,312**	**73,736,000**	**75,706,666**	**1,872,210**	**454,206,421**
DISBURSEMENTS:					
Reimbursement of Past Costs: (Note 3)					
State of Alaska	29,000,000	25,000,000			83,267,842
United States	36,117,165	6,271,600	2,697,000	0	69,812,045
Total Reimbursements	65,117,165	31,271,600	2,697,000	0	153,079,887
Disbursements from Joint Trust Account:					
State of Alaska	18,529,113	44,546,266	41,969,669	5,263,565	116,867,813
United States	9,105,881	6,008,387	48,019,928	11,222,224	80,676,920
Total Disbursements	27,634,994	50,554,653	89,989,597	16,485,789	197,544,733
FEES:					
U.S. Court Fees (Note 4)	154,000	364,000	586,857	187,221	1,315,078
Total Disbursements and Fees	**92,906,159**	**82,190,253**	**93,273,454**	**16,673,010**	**351,939,697**
Increase (decrease) in Joint Trust	**118,558,153**	**(8,454,253)**	**(17,566,788)**	**(14,800,800)**	**102,266,723**
Joint Trust Account Balance, beginning balance	24,530,411	143,088,564	134,634,311	117,067,523	
Joint Trust Account Balance, end of period	143,088,564	134,634,311	117,067,523	102,266,723	
Current Year Commitments: (Note 5)					(24,456,000)
Restoration Reserve: (Note 6)					(36,000,000)
Adjustments: (Note 7)					432,337
Uncommitted Fund Balance					**42,243,060**
Remaining Reimbursements (Note 3)					(23,300,000)
Remaining Commitments: (Note 8)					(36,091,667)
Total Estimated Funds Available					**402,851,393**

11.7.4 e

RESOLUTION OF THE *EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL

We, the undersigned, duly authorized members of the Exxon *Valdez* Oil Spill Trustee Council, after extensive review and after consideration of the views of the public, find as follows:

1. The Eyak Corporation ("Eyak"), owns the surface estate of, or has valid prioritized selections on, lands in the Chugach National Forest ("Forest"), which include parcels known as Power Creek, Eyak River, and Eyak Lake (together "the Core Lands"), consisting of approximately 11,200 acres, and generally depicted on Exhibit A. The reduction in acreage from prior descriptions of the Core Lands contained in previous analysis and resolutions of the Trustee Council, which consisted of approximately 13,700 acres, is due in part to the removal by Eyak of three parcels of land for future development. Sherstone, Inc. ("Sherstone") is a wholly-owned subsidiary of Eyak that holds timber rights on the Core Lands. These lands were selected and conveyed pursuant to the Alaska Native Claims Settlement Act. The subsurface rights associated with these lands are held by Chugach Alaska Corporation.

2. These lands are within the oil spill area as defined by the Trustee Council in the Final Restoration Plan.

3. Eyak and Sherstone have recently indicated an intent to

by protecting the watershed from activities such as logging that may adversely affect water quality and quantity in Power Creek and Eyak Lake. Because Eyak Lake is shallow, it is particularly sensitive to possible eutrophication resulting from lake shore development. Protection of the land surrounding the lake will limit the risk of this occurrence. The Core Lands also have high scenic value because they are visible from the Copper River Highway; acquisition will preserve this scenic quality. The area is accessible by road and trail and receives high use by residents of Cordova for fishing, hunting, and plant gathering. Because of its proximity to Cordova and road access, there is a significant likelihood that development could occur on these lands. Although the size of the Core Lands has been reduced somewhat because Eyak has chosen to retain some areas, the Trustee Council finds that the remaining acreage retains significant attributes that will promote the restoration of injured resources.

5. Existing laws and regulations, including but not limited to the Alaska Anadromous Fish Protection Act, the Clean Water Act, the Alaska Coastal Management Act, the Bald Eagle Protection Act, and the Marine Mammal Protection Act, are intended, under normal circumstances, to protect resources from serious adverse effects

States has procured a draft appraisal for the underlying land value and a preliminary estimate of value of the timber located on a portion of the Core Lands. The combined initial estimate of value of the Core Lands is between $2.9 to $3.9 million.

9. Fair market value is an economic concept and does not reflect the benefits of the acquisition to the restoration of the injured natural resources. The habitat analyses prepared for the Trustee Council demonstrate that there is a need to acquire these lands promptly to promote the recovery of the injured natural resources by preventing any potential degradation of the habitat resulting from development. Furthermore, the United States has no authority to acquire these lands from the seller except on the basis of a mutually negotiated purchase price. Based on prior negotiations with Eyak and Sherstone, the Trustee Council believes that the initial estimate of fair market value is not an acceptable purchase price to Eyak and Sherstone. Accordingly, we find that it is appropriate to pay more than the initial estimate of fair market value for the Core Lands in order to obtain the resulting benefits for the restoration program.

THEREFORE, we supersede our resolution of December 2, 1994, related to Eyak and Sherstone land and timber interests and all

for the Core Lands. For purposes of this resolution, the interim approved fair market value appraisal shall be considered the final approved appraisal. This offer is valid until withdrawn by the Trustee Council or the date on which timber harvesting operations begin on the Core Lands.

(b) receipt by the United States District Court for the District of Alaska ("District Court") of the settlement payments due from Exxon Corporation, et al;

(c) disbursement of these funds by the District Court;

(d) completion of a satisfactory title search;

(e) no pre-closing development on the Core Lands;

(f) approval by the shareholders of Eyak and Sherstone for the sale of the interests in the Core Lands;

(g) Congressional review to the extent required with respect to acquisitions by the Forest Service pursuant to House Report No. 102-116;

(h) completion of a satisfactory hazardous substances survey;

(i) satisfactory compliance with the National Environmental Policy Act and other applicable state and federal law.

(j) Eyak and Sherstone agree to continue to negotiate in good faith with the Forest Service and the State of Alaska regarding the

Dated this 29th day of February, 1996, at Juneau and Anchorage, Alaska.

PHIL JANIK
Regional Forester
Alaska Region
USDA Forest Service

for BRUCE M. BOTELHO
Attorney General
State of Alaska

GEORGE T. FRAMPTON, JR.
Assistant Secretary for
Fish & Wildlife and Parks
U.S. Department of the Interior

STEVEN PENNOYER
Director, Alaska Region
National Marine Fisheries
NOAA

FRANK RUE
Commissioner
Alaska Department of
Fish and Game

MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

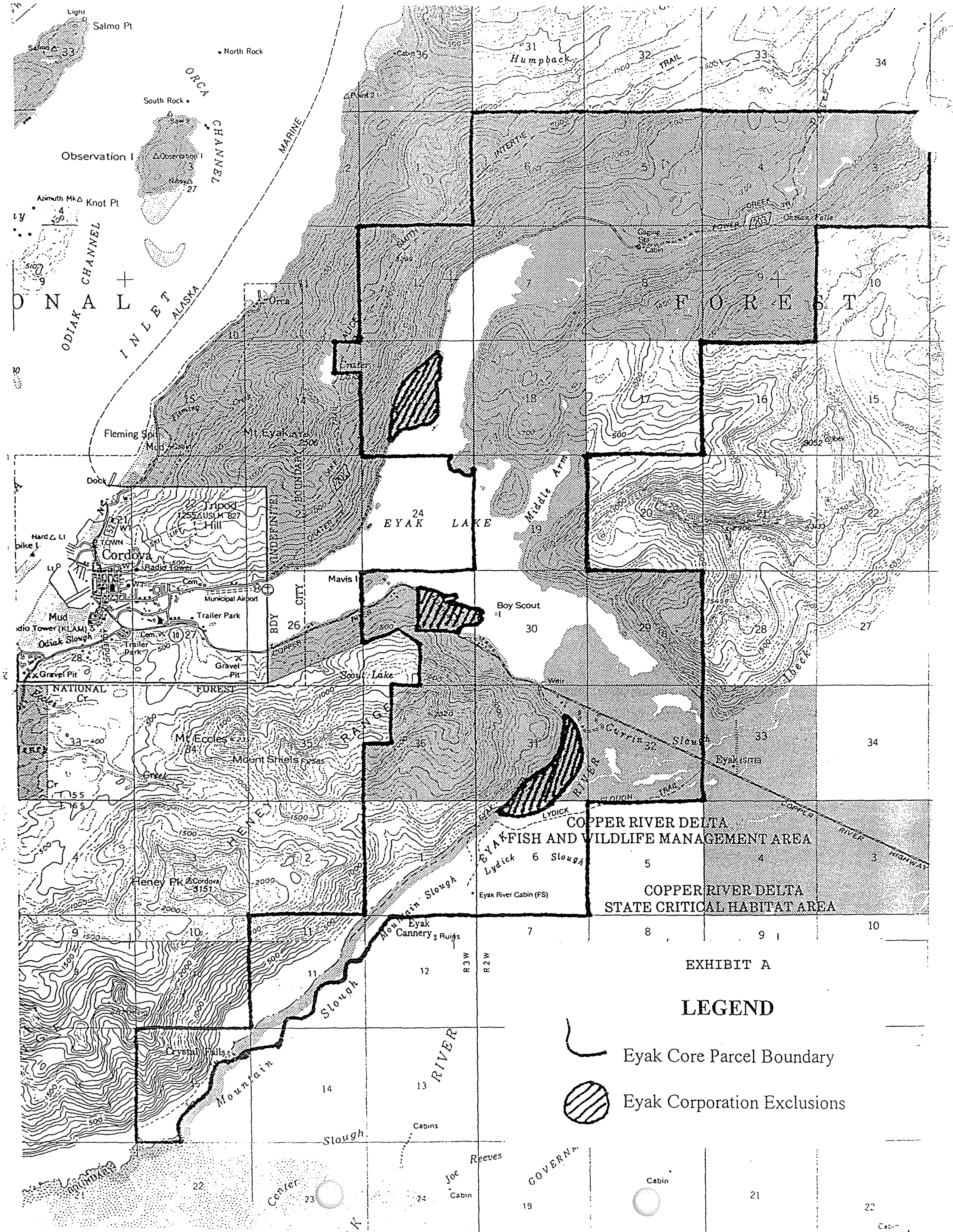
EXHIBIT A
LEGEND
Eyak Core Parcel Boundary
Eyak Corporation Exclusions
COPPER RIVER DELTA
FISH AND WILDLIFE MANAGEMENT AREA
COPPER RIVER DELTA
STATE CRITICAL HABITAT AREA
EYAK LAKE
Cordova
Boy Scout
Eyak Cannery Ruins
Eyak River Cabin (FS)
Mt Eyak
Tripod Hill
Mt Eccles
Mount Shiels
Heney Pk
Crystal Falls
Salmo Pt
North Rock
South Rock
Observation I
Knot Pt
Fleming Spit
Orca
Municipal Airport
Trailer Park
Radio Tower
Scout Lake
Weir
Middle Arm
Humpback
Mountain Slough
Lydick Slough
Currin Slough
Center Slough
ORCA CHANNEL
ODIAK CHANNEL
INLET
NATIONAL FOREST
FOREST
COPPER RIVER HIGHWAY
R3W
R2W

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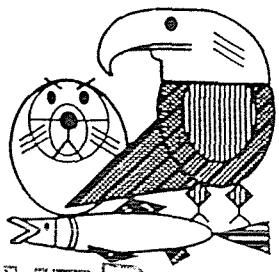
Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Trustee Council Members

FROM: Molly McCammon
Executive Director

DATE: February 26, 1996

RE: Quarterly Project Status Summary – December 31, 1995

Attached is the *Exxon Valdez* Oil Spill Project Status Summary for the quarter ending December 31, 1995, for all projects funded by the Trustee Council during 1992, 1993, 1994, 1995, and 1996. The Summary focuses on the status of project reports, and includes progress updates for FY 95 and FY 96 projects.

As of December 31, 1995, a total of 94 project reports had been accepted by the Chief Scientist. Once accepted by the Chief Scientist, reports are submitted to the Oil Spill Public Information Center (OSPIC) where they are reviewed for proper technical formatting and then made available to the public. As of December 31, 1995, 46 reports were available to the public through OSPIC and other libraries around the state. (See **Attachment C** for a list of libraries, and a list of reports available as of today). An additional 23 reports were undergoing formatting review at OSPIC.

This memorandum summarizes the status of reports for each project year. **Attachment A** summarizes the status of 1992, 1993 and 1994 reports by agency. **Attachment B** lists the reports that are significantly behind schedule. Reports are considered significantly behind schedule if they have either (1) not yet been submitted to the Chief Scientist, or (2) were reviewed by the Chief Scientist, returned to the PI for revision longer ago than six months, and have not been revised and resubmitted to the Chief Scientist.

Status of FY 92 Project Reports as of December 31, 1995

A total of 60 projects were funded in the 1992 Work Plan. With very few exceptions, a final report -- that is, a report that is subject to peer review and approval by the Chief Scientist – is required on each 1992 project. Some projects require more than one report. (NOTE: Reports "in progress" are in peer review, are under revision by the PI in response to peer reviewer comments, or have been revised and are undergoing a second review by the Chief Scientist.)

Total Number of Reports	Reports Accepted by Chief Scientist	Reports in Progress	No Report Yet Submitted
75	58	15	2
Status as of September 30, 1995			
77	55	19	3

Status of FY 93 Project Reports as of December 31, 1995

A total of 37 projects were funded in the 1993 Work Plan. With some exceptions, a final report is required on each 1993 project. Some projects require more than one report.

Total Number of Reports	Reports Accepted by Chief Scientist	Reports in Progress	No Report Yet Submitted
30	18	10	2
Status as of September 30, 1995			
30	16	9	5

Status of FY 94 Project Reports as of December 31, 1995

A total of 42 projects were funded in the 1994 Work Plan. Beginning with the 1994 project year, "multi-year" projects that receive Trustee Council funding in consecutive years are required to submit an "annual" report each year until the project is complete, at which point a "final" report is required. The annual report, although subject to peer review, need not be rewritten in response to peer review comments. Rather, the peer review comments are to be used to guide future work on the project. Annual reports are available to the public through OSPIC, and state on their front covers that "peer review comments have not been addressed in this report."

Total Number of Reports	Reports Accepted by Chief Scientist	Reports in Progress	No Report Yet Submitted
38	16	19	3
Status as of September 30, 1995			
37	5	16	16

Status of FY 95 Projects as of December 31, 1995

Reports on projects funded in the 1995 Work Plan are due April 15, 1996, unless other arrangements have been made with the Restoration Office. The *Invitation to Submit Restoration Proposals for FY 97* clearly states that FY 97 proposals will not be reviewed for any principal investigator who has an overdue report. Information provided by the agency liaisons indicates that report writing is currently underway for virtually all 1995 projects.

Status of FY 96 Projects as of December 31, 1995

The December quarter was the "start up" quarter for most of the projects funded in the 1996 Work Plan. Nearly all projects are on schedule, with activities focused primarily on obtaining NEPA (National Environmental Protection Act) compliance documentation and necessary permits, awarding contracts for those projects being implemented by non-Trustee organizations, and analyzing data from the summer field season. A community involvement coordinator and local facilitators in nine communities have been hired under contract with the Alaska Department of Fish and Game (Project 96052), local technicians have been trained to collect biological samples from harbor seals (Project 96244), and Prince William Sound youth have begun participating in restoration projects (Project 96210).

Conclusion

Significant progress continues to be made toward the goal of making the results of studies funded by the Trustee Council available to the public through project reports. In total, 143 reports will be produced for projects funded in 1992, 1993, and 1994. As of December 31st, 94 of these reports had been accepted by the Chief Scientist and only 7 had not yet been submitted for peer review. Perhaps more importantly, 46 reports are now available to the public through OSPIC -- last year at this time no reports were available to the public. This represents a substantial effort on the part of the PIs, the Chief Scientist, and the agencies.

In addition to project reports, we are continuing to encourage principal investigators to publish the results of their work in peer reviewed journals. We are working with the Chief Scientist and interested investigators to develop a report format that will allow a manuscript prepared for publication to also meet at least a portion of the Trustee Council's report writing requirements. In addition, we are in the process of creating a bibliography of articles published to date as a result of Council-funded research.

ATTACHMENT A

Summary of Project Report Status as of December 31, 1995

1992 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at OSPIC
ADEC	2	0	0	2	2
ADFG	26	1	8	17	12
ADNR	1	0	0	1	0
DOI	33	0	5	28	10
NOAA	11	1	2	8	1
USFS	2	0	0	2	0
TOTAL	**75**	**2**	**15**	**58**	**25**

1993 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at OSPIC
ADEC	2	0	1	1	1
ADFG	13	1	5	7	6
ADNR	0	0	0	0	0
DOI	10	1	3	6	3
NOAA	3	0	1	2	1
USFS	2	0	0	2	1
TOTAL	**30**	**2**	**10**	**18**	**12**

1994 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at OSPIC
ADEC	1	1	0	0	0
ADFG	20	1	12	7	0
ADNR	2	1	0	1	0
DOI	6	0	2	4	2
NOAA	5	0	2	2	5
USFS	4	0	3	2	2
TOTAL	**38**	**3**	**19**	**16**	**9**

ATTACHMENT B
Summary of Reports Significantly Behind Schedule as of February 22, 1996

Agency	Project Number	PI	Final or Annual	Project Title	Status of Report
DOI	93006	Birkedahl	Final	Site specific archaeology	Never submitted. Expect 3/96.
ADFG	FS01	Fried & Bue	Final	Spawning area injury	Never submitted.
ADFG	R071	Rothe	Final	Breeding ecology of harlequins	Returned to PI 5/22/95. Expect 3/1/96.
ADFG	93033-2	Rothe	Final	Harlequin duck restoration	Waiting for Fry's analysis; 2 yrs. overdue.
ADFG	94320D	L. Seeb	Annual	Pink salmon genetics	Never submitted. PI has requested combine with '95 findings and submit 4/15/96.
NOAA	CH1B	Babcock	Final	Hydrocarbons in mussels and sediments	Returned to PI 5/8/95. Expect 3/1/96.
NOAA	ST8	Short	Final	Sediment data synthesis	Never submitted. Agreed to delayed date of 12/31/95. PI has indicated he will request further delay.
DEC	94266	Munson	Final	Shoreline assessment	Never submitted. New PI. Expect 3/29/96.

ATTACHMENT C

OIL SPILL PUBLIC INFORMATION CENTER
645 G Street
Anchorage, AK 99501
(907) 278-8008
(907) 265-9359 fax
1-800-478-7745 Alaska
1-800-283-7745 outside Alaska

Final Reports
January 1996

Attached is a list of published final reports for Natural Resource Damage Assessment Studies and Restoration Projects. Copies of these reports may be checked out from the Oil Spill Public Information Center. Copies are also available for viewing at the following libraries:

A. Holmes Johnson Library - Kodiak
Alaska Historical Library - Juneau
Alaska Resources Library - Anchorage
Alaska State Library - Juneau
Alaska Department of Environmental Conservation Library - Juneau
Alaska Department of Fish and Game Habitat Library - Anchorage
Auke Bay Fisheries Lab Library - Juneau
Cordova Public Library - Cordova
E.E. Rasmusson Library - University of Alaska, Fairbanks
Fairbanks North Star Borough Library - Fairbanks
Kenai Community Library - Kenai
Ketchikan Public Library - Ketchikan
Kuskokwim Consortium Library - Bethel
Library of Congress - Washington, D.C.
National Library of Canada - Ottawa
Northwest Community College Learning Resource Center - Nome
Tuzzy Consortium Library - Barrow
University of Alaska, Anchorage Consortium Library - Anchorage
University of Alaska, Southeast Library - Juneau
University of Washington Library - Seattle
U.S. Fish and Wildlife Service Library - Anchorage
Valdez Consortium Library - Valdez
Z.J. Loussac Library - Anchorage

Copies of the final reports may be purchased from the following:

Anchorage Copy Centers:

Clay's Printing - (907) 561-6270
TimeFrame - (907) 562-3822

National Technical Information Service (NTIS) - (703) 487-4650

FINAL REPORTS

January 1996

Natural Resource Damage Assessment Studies

* = new additions to this list.

Air/Water 3 (Subtidal 3A)

Short, J.W. and P. Rounds. 1995. Petroleum hydrocarbons in near-surface seawater of Prince William Sound, Alaska, following the Exxon Valdez oil spill II: analysis of caged mussels, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Air/Water Study Number 3, Subtidal Study Number 3A), National Oceanic and Atmospheric Administration, Juneau, Alaska.

Fish/Shellfish 4

Wertheimer, A.C., A.G. Celewycz, M.G. Carls, and M.V. Sturdevant. 1994. Impact of the oil spill on juvenile pink and chum salmon and their prey in critical nearshore habitats, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 4, NMFS Component), National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, Alaska.

Fish/Shellfish 4A

Willette, T.M., G. Carpenter, P. Shields, and S.R. Carlson. 1994. Early marine salmon injury assessment in Prince William Sound, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 4A), Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Cordova, Alaska.

Fish/Shellfish 7B and 8B

Swanton, C.O., T.J. Dalton, B.M. Barrett, D. Pengilly, K.R. Brennan, and P.A. Nelson. 1993. Effects of pink salmon (Oncorhynchus gorbuscha) escapement level of egg retention, preemergent fry, and adult returns to the Kodiak and Chignik management areas caused by the Exxon Valdez oil spill, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 7B and 8B), Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Kodiak, Alaska.

Fish/Shellfish 18

Haynes, E., T. Rutecki, M. Murphy, and D. Urban. 1995. Impacts of the Exxon Valdez oil spill on bottomfish and shellfish in Prince William Sound, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 18), U.S. National Marine Fisheries Service, Auke Bay Laboratory, Juneau, Alaska.

Fish/shellfish 22

Freese, J.L. and C.E. O'Clair. 1995. Injury to crabs outside Prince William Sound, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 22), National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, Alaska.

Fish/Shellfish 27

Schmidt, D.C., K.E. Tarbox, B.M. Barrett, L.K. Brannian, S.R. Carlson, J.A. Edmundson, J.M. Edmundson, S.G. Honnold, B.E. Kind, G.B. Kyle, P.A. Roche, P. Shields, and C.O. Swanton. 1993. Sockeye salmon overescapement, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 27), Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Soldotna, Alaska.

Fish/Shellfish 30

DiCostanzo, C. and B.P. Simonson. 1993. Database management, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Fish/Shellfish Study Number 30), Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau, Alaska.

Marine Mammal 5 (Restoration Study 73)

Frost, K.J. and L.F. Lowry. 1994. Assessment of injury to harbor seals in Prince William Sound, Alaska, and adjacent areas following the Exxon Valdez oil spill, Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Marine Mammal Study Number 5, Restoration Study Number 73), Alaska Department of Fish and Game, Wildlife Conservation Division, Fairbanks, Alaska.

Marine Mammal 6-1

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93017

Miraglia, R.A. 1995. Subsistence Restoration Project, Exxon Valdez Oil Spill Restoration Project Final Report (Restoration Project 93017), Alaska Department of Fish and Game, Division of Subsistence, Anchorage, Alaska.

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Exxon Valdez Oil Spill Project Status Summary
1992 Work Plan
Quarter Ending December 31, 1995

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
AD	Administrative Director's Office	ALL	No report required.		
ARC1	Archaeological Survey	ADNR	Final report accepted by OSPIC; copies currently being made.	Reger, D.R., J.D. McMahon, and C.E. Holmes. 1992. Effect of crude oil contamination on some archaeological sites in the Gulf of Alaska, 1991 investigations. Four archaeological sites from which adequate collections and radiocarbon samples were obtained were sampled for sediments to test for presence of oil. Two sediment samples (Shuyak Island and Chenega Island) tested positive for oil. None of the sites yielded radiocarbon dates which appear to be significantly skewed from the expected age range. The results of the study show that reasonable dates can be obtained from the test sites despite presence of oil remains on the beach surface or in the case of two sites from within the cultural deposits. The results of the study are applicable to the sites studied and useful for management decisions based on broad general conclusions.	
AW1	Surface Oil Maps	ADEC	Project terminated.	DEC/NOAA overflight charts stored in Alaska Archives.	
B02	Boat Surveys	DOI	Report accepted by Chief Scientist. Not yet at OSPIC.	Klosiewski, S.P. and K.K. Laing. 1994. Marine bird populations of Prince William Sound, Alaska, before and after the *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service, Anchorage. Populations of 9 species or species groups (black oystercatcher, pigeon guillemot, cormorants, harlequin duck, loons, scoters, newgull, arctic tern, northwestern crow) declined more than expected in the oiled zone of Prince William Sound suggesting an oil effect. Most injured species were ecologically tied to intertidal or nearshore areas.	Continued as 93045 and 94159.

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Printed: February 22, 1996

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
B03	Murres Damage Assessment Closeout	DOI	Report accepted by Chief Scientist. Not yet at OSPIC.	Nysewander, D.R., C.H. Dippel, G.U. Byrd and E.P. Knudtson. 1993. Effects of the T/V Exxon Valdez oil spill on murres: A perspective from observations at breeding colonies. U.S. Fish and Wildlife Service. Homer. Numbers were reduced, nesting was delayed, and productivity rates were far below normal at major colonies within the spill trajectory. Reproductive success improved slightly in 1991.	Related to R11, 93022 and 94039.
B04	Eagles Damage Assessment Closeout	DOI	Final report accepted by OSPIC; copies currently being made.	Bauman, T.D., P.F. Schempf, and J.A. Bernatowicz. 1994. Effects of the Exxon Valdez oil spill on bald eagles. U.S. Fish and Wildlife Service. Anchorage. Reproductive success of Prince William Sound bald eagles was significantly impaired in 1989, and nest failures were correlated with the distribution of crude oil on beaches. Although estimated direct mortality throughout the spill area was relatively large (about 300 - 900 eagles), no change in the population could be detected due to wide variation in population counts. The Prince William Sound eagle population was expected to return to its prespill level by 1993.	
B06	Marbled Murrelets Damage Assessment Closeout	DOI	Report accepted by Chief Scientist. Not yet at OSPIC.	Kuletz, K.J. 1994. Marbled murrelet abundance and breeding activity at Naked Island, Prince William Sound, and Kachemak Bay, Alaska, before and after the *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service, Anchorage. The marbled murrelet population at a site within the path of the oil (Naked Island) was lower in 1989 than in prespill years, but returned to normal in 1990. Murrelet numbers in Kachemak Bay where oiling was minimal did not change following the spill.	Related to R15, 93051B and 94102.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
B07	Storm Petrels Damage Assessment Closeout	DOI	Report accepted by Chief Scientist. Not yet at OSPIC.	Nishimoto, M. and G.U. Byrd. 1994. Effects of oil from the T/V *Exxon Valdez* spill on fork-tailed storm petrels breeding in the Barren Islands, Alaska. U.S. Fish and Wildlife Service. Homer. At the largest storm-petrel colony within the spill trajectory (Barren Islands), no evidence of adverse effects to breeding petrels was found. Burrow occupancy rates were above average, nesting chronology was not delayed, and productivity was normal.	
B08	Kittiwakes Damage Assessment Closeout	DOI	REPORT OVERDUE. [NOTE: Redraft of report submitted to Chief Scientist February 13, 1996; under peer review.]	Irons, D.B. 1994. Effects of the *Exxon Valdez* oil spill on black-legged kittiwake colonies in Prince William Sound, Alaska. U.S. Fish and Wildlife Service. Anchorage. The number of breeding pairs did not decline at colonies in the oiled area of Prince William Sound but reproductive success in 1989 was less than expected, apparently due to low hatching success. Reproductive success did not recover by 1992 but whether the decline was due to the spill is unknown.	TS1
B09	Pigeon Guillemots Damage Assessment Closeout	DOI	Final report accepted by OSPIC; copies currently being made.	Oakley, K.L. and K.J. Kuletz. 1994. Population, reproduction and foraging of pigeon guillemots at Naked Island, Alaska, before and after the *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service. Anchorage. The population at a major breeding site within the spill trajectory (Naked Island) declined by 50% compared to 1972-1973 levels. A long-term decline within Prince William Sound predated the spill and, therefore, the decline at naked Island could not be attributed totally to the spill. Reproduction was largely normal following the spill.	93034 and 94173

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
B11	Harlequin Ducks Damage Assessment Closeout	ADFG	Redraft of report peer reviewed; returned to PI for revision November 22, 1994. [NOTE: Peer reviewed; returned to PI for revision February 13, 1996.]	New statistical analysis of bile results indicates elevated hydrocarbon concentrations in western Prince William Sound and Kodiak birds, but also in eastern Prince William Sound birds, compared to Juneau samples. Concentrations correlate positively with proximity to the spill origin.	Project conducted in conjunction with R71 and continued as 93033. Also related to B2, CH1B, TS1, R103, and 93036.
B12	Shorebirds Damage Assessment Closeout	DOI	The results of this project will be presented in two reports: (1) Report on migrant shorebirds accepted by Chief Scientist. Not yet available at OSPIC. (2) Final report on black oystercatchers accepted by OSPIC; copies currently being made.	(1) Martin, P.D. 1993. Effects of the *Exxon Valdez* oil spill on migrant shorebirds using rocky intertidal habitats of Prince William Sound, Alaska, during Spring 1989. U.S. Fish and Wildlife Service, Anchorage. (2) Andres, B.A. 1994. The effects of the *Exxon Valdez* oil spill on black oystercatchers breeding in Prince William Sound, Alaska. U.S. Fish and Wildlife Service. Anchorage. (1) Spring migrant shorebirds (surfbirds and black turnstones) escaped impacts because shorelines used by these species (particularly around Montague Island) were largely unoiled. (2) Black oystercatcher breeding was disrupted and hatching success reduced. Chicks raised on oiled beaches grew more slowly than chicks raised on unoiled beaches, perhaps due to ingestion of contaminated food.	Related to R17, R103 and 93035.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
CH1A	Coastal Habitat Damage Assessment	USFS	Final report accepted by OSPIC; copies currently being made.	Highsmith, R.C., et al. Comprehensive assessment of coastal habitat. School of Fisheries and Ocean Sciences, UAF. Serious and long-term lasting effects on intertidal algae. Recovery occurring but slow to none in upper intertidal habitat. Full recovery expected. Intertidal invertebrates indicate negative effects from spill. Intertidal fish findings were inconclusive.	Continued as R102, 93039 and 94086.
CH1B	Hydrocarbons in Mussels	NOAA	REPORT OVERDUE. Draft report peer reviewed; returned to PI for revision May 8, 1995. Now expect to submit redraft by March 1, 1996.	*Exxon Valdez* oil is located in several sites. Reductions in hydrocarbons are seen at several sites in PWS over 1989.	R103
FS01	Spawning Area Injury	ADFG	REPORT OVERDUE. Was to be submitted to Chief Scientist by August 15, 1995. [Note: Report will present findings from both FS01 and R60B.]	Documented oil contamination of Prince William Sound pink salmon spawning area. Improved current and historic pink salmon escapement estimates which are necessary for accurate estimates of total wild returns. For preliminary results, see 1989, 1990 and 1991 NRDA Draft Status Reports.	Project conducted in conjunction with R60B.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
FS02	Pre-emergent Fry	ADFG	Final report accepted by OSPIC; copies currently being made.	Sharr, S, B. Bue, et al. Injury to salmon eggs and pre-emergent fry in PWS. ADF&G. Measured higher embryo mortalities in oil-contaminated streams than in unoiled streams.	Project conducted in conjunction with R60C; continued as 93002 and 94191.
FS03	Coded-Wire Tags Damage Assessment	ADFG	Redraft of final report submitted to Chief Scientist November 30, 1995. [NOTE: Report accepted by Chief Scientist February 9, 1996.]	Sharr, S., et al. Coded wire tag studies on PWS salmon, 1989-91. Unable to detect significant differences in survival to adults from fry emerging from oiled and control streams. Also unable to detect significant difference in survival of hatchery fish reared in oiled versus unoiled areas of Prince William Sound.	Project conducted in conjunction with R60A; continued as 93067, 93068, 94185, and 94320B.
FS04A	Early Marine Salmon Damage Assessment	ADFG	Final report accepted by OSPIC; available to public.	Willette, M., et al. Early marine salmon injury assessment in PWS. ADF&G Detected reduced growth and survival of fry rearing in oiled areas in 1989. No significant differences in growth and survival between oiled and nonoiled areas in subsequent years. Rate of adult returns to unoiled hatcheries twice that of oiled hatcheries in 1990.	Related to most projects in 94320 (PWS System Investigation). FS1, FS2, FS3, FS4A, and FS4B measured oil damages to specific life stages. FS28 incorporated their results into a model to estimate population level damages.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
FS04B	Juvenile Pinks	NOAA	Final report accepted by OSPIC; available to public.	Wertheimer, A.C., A.G. Celewycz, M.G. Carls, and M.V. Sturdevant. 1994. Impact of the oil spill on juvenile pink and chum salmon and their prey in critical nearshore habitats. NOAA, NMFS, Auke Bay Lab, Juneau, AK. Documented exposure and contamination of juvenile salmon in Prince William Sound. Contamination was associated with reduced growth. Ingestion of oil or oiled prey was route of contamination.	FS4A, AW3, and ST3A.
FS05	Dolly Varden Damage Assessment	ADFG	Report accepted by Chief Scientist. Not yet at OSPIC. Report includes data from R090.	Two populations of Dolly Varden and cutthroat trout emigrated from lakes into the wake of the spill. Growth from 1989-1990 was 24% and 22% slower for recaptured subadult and adult Dolly Varden and 36% to 43% slower for subadult and adult populations of cutthroat trout in populations associated with the oil. This difference persisted through 1991 for cutthroat trout but not for Dolly Varden. Chronic starvation and direct exposure to petrogenic hydrocarbons were hypothesized as effects leading to reduced growth and accelerated mortality of both Dolly Varden and cutthroat trout.	Combined with R90.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
FS11	Herring Injury	ADFG	Redraft of report submitted to Chief Scientist March 14, 1995. [NOTE: Report will include nine articles prepared for the Canadian Journal of Fisheries and Aquatic Science and will be included in the proceedings of the EVOS symposium.]	Brown, E. D., et al. Injury to Prince William Sound Following the *Exxon Valdez* Oil Spill. Adult herring migrating to the spawning grounds in 1989 were exposed to oil. Exposure to oil continued throughout 1989 and into 1990. Internal tissues were damaged but the short- and long-term effects are speculative. There may have been a short-term effect which inhibited egg deposition and a long-term reproductive impairment (reduced survival of offspring). Eggs were deposited in oiled areas in 1989. Larvae hatched from exposed embryos suffered reduced survival.	Similar to 94166 (Herring Spawn Deposition). Also related to 94165 and 94320.
FS13	Effects of Hydrocarbons on Bivalves	ADFG	REPORT OVERDUE. Draft report peer reviewed; returned to PI for revision April 26, 1993. [NOTE: Redraft of report submitted to Chief Scientist February 14, 1996.]		Clams are important prey for ducks, sea otters, river otters, and bears. This study is related to studies of these species and to 93017.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
MM2	Killer Whales Damage Assessment	NOAA	Final report submitted to OSPIC; undergoing formatting review. [NOTE: Final report accepted by OSPIC; available to public February 1996.]	Dalheim, M. and C. Matkin. 1993. Assessment of injuries to killer whales in Prince William Sound, Kodiak Archipelago, and Southeast Alaska. National Marine Mammal Laboratory, Seattle, WA and North Gulf Oceanic Society, Homer, AK. In 1989, 8 resident (143 killer whales) and 4 transient pods (34 whales) were documented in 89 encounters. In 1990, 9 resident pods (148 whales) and 4 transient pods (30 whales) were identified in 80 encounters. During 1991, 7 resident pods (105 whales) and 2 transiet pods (14 whales) were identified in 54 encounters. Despite increased effort over these 3 years, the number of encounters appears to be decreasing. The missing animals were not seen near Kodiak Island or southeast Alaska. Photographic analysis of resident pods revealed 14 animals missing from AB pod over the 1989-1991 perod. The mortality rates for AB pod ranged from 3.1% in 1988 to 19.4% in 1989, 20.7% in 1990, 4.3% in 1991, and zero in 1992. Killer whale annual mortality rates are usually less than 2%.	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
MM6 (1of3)	Sea Otter Damage Assessment	DOI	The results of this project will be presented in 19 reports -- 15 reports have been accepted by the Chief Scientist (10 are available to the public at OSPIC); 4 reports have been redrafted and submitted to the Chief Scientist for further peer review.	(1) Ballachey, B.E. Biomarkers of damage to sea otters in PWS following potential exposure to oil spilled from the T/V *Exxon Valdez*. [Final report accepted by OPSIC; available to public] (2) Ballachey, B.E. and D.M. Mulcahy. Hydrocarbon residues in tissues of sea otters (*Enhydra lutris*) collected from southeast Alaska. [Redraft of report submitted to Chief Scientist June 30,1995; under peer review.] (3) Ballachey, B.E. and D. M. Mulcahy. Hydrocarbons in hair, livers and intestines of sea otters (*Enhydra lutris*) found dead along the path of the *Exxon Valdez* oil spill [Redraft of report submitted to Chief Scientist June 30, 1995; under peer review.) (4) Bodkin, J.L., D.M. Mulcahy and C. Lensink. Age-specific reproduction in female sea otters (*Enhydra lutris*) from southcentral Alaska: analysis of reproductive tracts. [Report accepted by Chief Scientist, not yet at OSPIC] 5) Bodkin, J.L. and M.S. Udevitz. An intersection model for estimating sea otter mortality from the *Exxon Valdez* oil spill along the Kenai Peninsula. [Final report accepted by OSPIC; available to public]	Continued as 93043.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
MM6(2of3)	Sea Otter Damage Assessment	DOI	See MM6(1of3).	(6) Burn, D.M. Boat-based population surveys of sea otters (*Enhydra lutris*) in PWS in response to the *Exxon Valdez* oil spill. [Report accepted by Chief Scientist; not yet at OSPIC.] (7) DeGange, A.R., D.C. Douglas, D.H. Monson and C. Robbins. Surveys of sea otters in the Gulf of Alaska in response to the *Exxon Valdez* oil spill. [Final report accepted by OSPIC; available to public.] (8) Doroff, A.M. and J.L. Bodkin. Sea otter foraging behavior and hydrocarbon levels in prey following the *Exxon Valdez* oil spill in PWS, Alaska [Redraft of report submitted to Chief Scientist June 30, 1995; under peer review.] (9) Doroff, A.M. and A.R. DeGange. Experiments to determine drift patterns and rates of recovery of sea otter carcasses following the *Exxon Valdez* oil spill. [Final report accepted by OSPIC; available to public.] (10) Lipscomb, T.P., R.K. Harris, R.B. Moeller, J.M. Fletcher, R.J. Haebler and B.E. Ballachey. Histopathologic lesions associated with crude oil exposure in sea otters. [Report accepted by Chief Scientist. Not yet at OSPIC.] (11) Lipscomb, T. P., R.K. Harris, A.H. Rebar, B.E. Ballachey and R.J. Haebler. Pathological studies of sea otters. [Report accepted by Chief Scientist. Not yet at OSPIC.] (12) Monnett, C. and L.M. Rotterman. Movements of weanling and adult female sea otters in PWS after the *Exxon Valdez* oil spill. [Final report accepted by OSPIC; available to public.]	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
MM6(3of3)	Sea Otter Damage Assessment	DOI	See MM6(1of3).	(13) Monnett, C. and L.M. Rotterman. Mortality and reproduction of female sea otters in PWS. [Final report accepted by OSPIC; available to public.] (14) Monnett, C. and L.M. Rotterman. Mortality and reproduction of sea otters oiled and treated as a result of EVOS. [Final report accepted by OSPIC; available to public.] (15) Monson, D.H. and B.E. Ballachey. Age distributions and sex ratios of sea otters found dead in PWS following the *Exxon Valdez* oil spill. [Report accepted by OSPIC; available to public.] (16) Mulcahy, D.M. and B.E. Ballachey. Hydrocarbon residues in tissues of sea otters (*Enhydra lutris*) collected following the *Exxon Valdez* oil spill. [Redraft of report submitted to Chief Scientist June 30, 1995; under peer review.] (17) Rebar, A.H., B.E. Ballachey, D.L. Bruden and K.A. Kloecker. Hematology and clinical chemistry of sea otters captured in PWS following the *Exxon Valdez* oil spill. [Report accepted by Chief Scientist. Not yet at OSPIC.] (18) Rotterman, L.M. and C. Monnett. Mortality of sea otter weanlings in eastern and western PWS during the winter of 1990-91. [Final report accepted by OSPIC; available to public.] (19) Udevitz, M.S., J.L. Bodkin and D.P. Costa. Detection of sea otters in boat based surveys in PWS. [Final report accepted by OSPIC; available to public.]	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R011	Murre Recovery Monitoring	DOI	Final report accepted by OSPIC; copies currently being made.	Dragoo, D.E., G.V. Byrd, D.G. Roseneau, D.A. Dewhurst, J.A. Cooper, and J.H. McCarthy. 1994. Population levels and reproductive performance of murres based on observations at breeding colonies four years after the T/V *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service. Homer Numbers of murres breeding at major colonies within the trajectory remained lower in 1992. Breeding chronology was delayed. Productivity at the Barren Islands was higher than in other postspill years, but still lower than normal. Productivity at Puale Bay was normal.	Continued as 93022 and 94039. Also related to B3.
R015	Marbled Murrelet Restoration Study	DOI	The results of this project will be presented in two reports: (1) Report accepted by Chief Scientist. Not yet at OSPIC. (2) Report accepted by Chief Scientist. Not yet at OSPIC.	(1) Kuletz, K.J., D.K. Marks, and N.L. Naslund. 1994. At-sea abundance and distribution of marbled murrelets in the Naked Island area, Prince William Sound, Alaska, in Summer, 1991 and 1992. U.S. Fish and Wildlife Service, Anchorage (2) Kuletz, K.J., N.L. Naslund, and S.K. Marks. 1994. Identification of marbled murrelet nesting habitat in the *Exxon Valdez* oil spill zone. U.S. Fish and Wildlife Service, Anchorage. Using ground search techniques, 10 tree nests were found on Naked Island in 1991 and 1992. Nest trees were in stands of high volume and size class trees, and upland activity of murrelets throughout Prince William Sound was highest in such stands.	Continued as part of 93051 and 94505 (closeout).

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R047	Stream Habitat Assessment	ADFG	Report accepted by OSPIC; available to public.	Kuwada, M. and K. Sundet. 1993. Stream Habitat Assessment Project: Afognak Island. ADF&G. About 250 km of shoreline and 260 km2 of uplands were surveyed for anadromous fish streams on private lands on Afognak Island, resulting in discovery of 167 anadromous streams totaling about 56 km. Stream habitat parameters and upper extents of anadromous distribution were documented, and streams were mapped by GPS.	Continued as part of 93051 and 94505 (closeout). Supported evaluation of land for habitat protection.
R053	Kenai River Sockeye Salmon Restoration	ADFG	Final report accepted by OSPIC; available to public.	Tarbox, K., et al. Kenai River sockeye salmon restoration. Successful collection of baseline and fishery samples for genetic stock identification. Unsuccessful in choosing new adult in-river hydroacoustic equipment. Successful hydroacoustic enumeration of returning adult salmon in Upper Cook Inlet.	R59 analyzed genetic samples collected by this project.
R059	Genetic Stock Identification	ADFG	Annual report accepted by OSPIC; copies currently being made.	Seeb, J. and L. Seeb. Assessment of genetic stock structure of salmonids. ADF&G. June 1993. Genetic data were collected during 1992 from spawning populations contributing to mixed-stock harvests of sockeye salmon in Cook Inlet. These data can be used to estimate the presence of Kenai River stocks in mixed-stock areas of Upper Cook Inlet.	R53 collected spawning samples.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R060A/B	Prince William Sound Pink Salmon	ADFG	R060A: Redraft of report submitted to Chief Scientist November 30, 1995. [NOTE: Final report accepted by Chief Scientist February 9, 1996.] R060B: Findings will be presented in report being prepared under Project FS01.	R060A: Sharr, S., et al. Coded wire tag studies on PWS salmon, 1992. R060B: See FS01. R060A: The CWT program helped reduce the commercial harvest on damaged pink salmon populations by providing fishery managers with timely inseason fishery stock composition estimates. R060B: The escapement project provided improved pink salmon escapement information which was essential for the precise fisheries management required to protect damaged wild stocks.	Continued as 93067, 94184 (report preparation) and 94320B. Also related to R60C, which monitors and investigates mechanisms for oil damage to early life stages of pink salmon populations.
R060C	Pink Salmon Egg/Fry	ADFG, NOAA	The results of this project will be presented in two reports: (1) ADFG report accepted by OSPIC; available to public. (2) NOAA findings included in annual report prepared under 94191. See 94191 for status.	(1) Sharr, Samuel and C. Peckham. 1994. Coded wire tag studies on Prince William Sound salmon, 1992. ADFG (2) See 94191. (1) Persistence of elevated mortalities among embryos in oiled streams versus those in unoiled streams suggests genetic damage. (2) Oil exposures completed for 1992 and 1993 brood years. All 1992 brood pinks died from bacterial kidney disease by June 1994. Spawning of 1993 brood expected in September 1995, with survival of progeny to be determined in early 1996.	Continued as 93003 and 94191. Other related projects include B11, CH1B, R60AB, R103, and 93036.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R071	Harlequin Duck Restoration and Monitoring	ADFG	REPORT OVERDUE. Draft report peer reviewed; returned to PI for revision May 22, 1995.	Rothe, T. Breeding ecology of harlequin ducks in PWS, Alaska. ADF&G. Crowley, D.W. 1993. Breeding habitat of harlequin ducks in PWS, AK. MS Thesis. Oregon State University, Corvallis, OR. Comparative harlequin data in eastern Prince William Sound for B11. 1991-1992 harlequin production in eastern Prince William Sound similar to prespill. Techniques devised to capture and track harlequins. Breeding stream parameters and nest sites described. Additional oiled mussel beds identified. Description and analysis of harlequin breeding stream habitat in eastern PWS produced in an M.S. thesis, Oregon State University (Crowley 1994).	B11 corroborated harlequin status in Prince William Sound. R103 documented continued oiled prey. B2 cooroborates harlequin status in PWS.
R073	Harbor Seals	ADFG	Final report accepted by OSPIC; available to public.	Frost, K.J. and L.F. Lowry. 1994. Assessment of injury to harbor seals in PWS and adjacent areas following EVOS. ADF&G, Wildlife Conservation Division, Fairbanks, AK. Harbor seals continued to use heavily oiled haulouts even when unoiled sites were available nearby. They were observed to give birth and care for their pups on these sites. The pelage of both pups and adults became oiled when they used these sites or contacted oil in the water. However, the pelage became cleaner with time if they did not continue to use oiled sites. Many carcasses recovered were either stillborn or died shortly after birth. Observations suggest that stress and/or toxic effects of oil resulted in abortions, premature births, and increased mortalities in heavily oiled areas. Four book chapters prepared and in press detailing results of MM5 study.	Started in 1989 as MM5. Continued as 93046 and 94064.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R090	Dolly Varden Char Monitoring	ADFG	Report being prepared under Project FS05.	See FS05. Two populations of Dolly Varden and cutthroat trout emigrated from lakes into the wake of the spill. Growth from 1989-1990 was 24% and 22% slower for recaptured subadult and adult Dolly Varden and 36% to 43% slower for subadult and adult populations of cutthroat trout in populations associated with the oil. This difference persisted through 1991 for cutthroat trout but not for Dolly Varden. Chronic starvation and direct exposure to petrogenic hydrocarbons were hypothesized as effects leading to reduced growth and accelerated mortality of both Dolly Varden and cutthroat trout.	Project combined with FS05. R90 and R106 provide information on populations of Dolly Varden and cutthroat trout for 94320 (Ecosystem Study Plan).
R092	GIS Mapping and Analysis: Restoration	ADNR	No report required.	Provided mapping and database support for restoration projects. Developed timber harvest database and land status and parcel maps for imminent threat parcels. Contributed to a 3-volume data dictionary produced for the Trustee Council by the Nature Conservancy.	Supported numerous restoration projects.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R102	Herring Bay Experimental and Monitoring Study	ADFG	Final report accepted by OSPIC; available to public.	Highsmith, R.C., M.S/ Stekoll, A.J.Hooten, P. van Tamelen, L. Deysher, L. McDonald, D. Strickland and W.P. Erickson. 1993. Herring Bay experimental and monitoring studies. School of Fisheries and Ocean Sciences, UAF. Cover of the dominant intertidal alga, *Fucus gardneri*, was reduced at oiled/cleaned sites. *Fucus* recruitment was poor in the mid- to upper intertidal, probably due to lack of shelter from desiccation and heating by adult plants. Limpet densities continued to be lower in the upper intertidal. Recovery appeared to be occurring in the lower intertidal zone in 1990-1991 and in the upper intertidal in 1993. Results have been incorporated into an interaction web to elucidate potential oil spill effects on community dynamics.	Continued as 93039 and 94086.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R103	Oiled Mussels	ADFG, NOAA, DOI	The results of this project will be presented in four reports: (1) NOAA report accepted by Chief Scientist. Not yet at OSPIC. (2) DOI/FWS findings being incorporated into report on 93035. (3) ADFG report accepted by Chief Scientist. Not yet at OSPIC. (4) DOI/NPS report accepted by Chief Scientist. Not yet at OSPIC.	(1) Babcock, M., P.M.Rounds, C. Brodersen and S. Rice. 1993. Recovery monitoring and restoration of intertidal oiled mussel beds in Prince William Sound impacted by the *Exxon Valdez* oil spill. NOAA, NMFS, Auke Bay Laboratory, Juneau, Alaska. (2) See 93035. (3) Faro and Bowyer. River otter component. (4) Irvine, G. 1993 Geographic extent and recovery monitoring of intertidal oil in mussel beds in Gulf of Alaska effected by the *Exxon Valdez* oil spill. (1) Identified 27 mussel beds within PWS with total petroleum hydrocarbons greater than 10,000 mg/g wet weight. Site manipulation was conducted at three heavily oiled mussel beds. (2) Black oystercatcher chicks raised on oiled sites grew more slowly than chicks raised on unoiled sites. (3) Differences in levels of blood haptoglobin and Interleukin-6 ir, previously found to be elevated in river otters inhabiting oiled compared to nonoiled areas in PWS, were not observed in summer 1992. River otters from oiled areas continued to regain body size from levels noted in 1990. Suggests that river otters may be recovering from chronic effects that were observed in 1990 and 1991.	Continued as 93036, 94090, and 95090.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R104A	Site Stewardship	DOI	Final report accepted by OSPIC; copies currently being made.	Corbett, D.G. 1994. Development of the Alaska Heritage Stewardship Program for protection of cultural resources at increased risk due to the *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service, Anchorage, AK. Increased public knowledge of archaeological sites following the spill led to increased vandalism. A stewardship program to train local residents to protect cultural resources was developed.	93006, 94007
R105	Instream Survey Restoration Implementation Planning	ADFG, USFS	The results of this project will be presented in two reports (report writing funded under 93063): (1) ADFG redraft of report submitted to Chief Scientist August 25, 1995. [NOTE: Final report accepted by Chief Scientist February 2, 1996. Not yet at OSPIC.] (2) USFS report accepted by Chief Scientist. Not yet at OSPIC.	(1) Willette, M. Survey and evaluation of instream habitat and stock restoration techniques for wild pink and chum salmon. (2) Weidemeyer, K. Survey and evaluation of instream habitat and stock restoration techniques for anadromous fish. A number of sites were reviewed, evaluated, and ranked for possible instream restoration efforts. A number of efforts have subsequently been implemented.	Continued as 93063.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
R106	Dolly Varden Restoration	ADFG	Final report accepted by OSPIC; available to public.	McCarron, S. and A.G. Hoffman, 1993. Technical support study for the restoration of Dolly Varden and cutthroat trout populations in PWS. ADF&G, Division of Sport Fish, Anchorage, AK. The nature and extent of injury to Dolly Varden and cutthroat trout was documented in FS5. The goal of R106 was to provide information for developing a management plan to protect impacted stocks, while allowing for continued recreational fishing for sport anglers where stocks could support fisheries. Sixty-one streams were surveyed to provide this information.	FS5 and 94139.
R113	Red Lake Sockeye Salmon Restoration	ADFG	Project canceled based on findings of FS27.	Red Lake does not need restoration effort. This project was funded in anticipation of poorer returns of sockeye salmon to Red Lake than actually occurred.	Related to FS27. NEPA compliance for Red Lake restoration project was funded through 93030, which was canceled when the project was dropped.
RT	Restoration Team	ALL	No report required.		

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
ST1A	Subtidal Sediments	NOAA	REPORT OVERDUE. [NOTE: Redraft of final report submitted to Chief Scientist February 9, 1996; accepted by Chief Scientist February 20, 1996.]	Petroleum hydrocarbon induced injury to subtidal sediment resources. Subtidal sediments have been found to be contaminated at no fewer than 15 sites within Prince William Sound by June 1990. Contamination had reached at least 20 meters at some sites. Evidence of hydrocarbon movement downslope into subtidal sediments was detected by 1991.	Continued as 93047 and 94285. Other related projects include ST1B.
ST1B	Subtidal Microbial	ADEC	Final report accepted by OSPIC; available to public.	Braddock, Joan F., B. Rasley, T. Yeager, J. Lindstrom, D. Brown. Hydrocarbon mineralization potentials and microbial populations in marine sediments following the *Exxon Valdez* oil spill. DEC The numbers and activity of oil-degrading microorganisms were measured in sediments periodically for two years after the oil spill. Populations of oil-degrading microorganisms were significantly higher in sediments collected at oiled sites relative to reference sites. This information is useful in establishing the extent of contamination of the oil with time and also provides evidence that biodegradation is occurring naturally in Prince William Sound.	93047
ST2A	Shallow Benthic	ADFG	No report required. (Data/findings incorporated into report on 93047.)	See 93047. At oiled sites there was a decrease in some subtidal organisms relative to unoiled sites. Partial recovery observed in 1991.	Continued as 93047 and 94285. Other related projects include B11, CH1A, R103, and TM3.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
ST2B	Deep Water Benthic	ADFG	Final report accepted by OSPIC; available to public.	Feder, H. 1995. Injury to deep benthos. ADFG No indication of oil-related damage to deep benthic environment. No oil fractions appear related to unusual benthic faunal composition. Differences between stations within and outside of oil trajectory were mainly related to sediment differences. No oil effects demonstrated.	CH1A, ST1B, ST2A, ST4, ST5, ST6, ST7, ST8, and TS1.
ST3A	Caged Mussels Damage Assessment	NOAA	The results of this project will be presented in two reports: (1) Redraft of report submitted to Chief Scientist July 18, 1995. (2) Report submitted to OSPIC; undergoing formatting review.	(1) Petroleum hydrocarbons in near surface seawater of PWS: chemical sampling and analysis. (2) Petroleum hydrocarbons in near surface seawater of PWS: analysis of caged mussels. Mussels transplanted along spill trajectory accumulated particulated oil at concentrations that decreased with depth, elapsed time, and distance from heavily oiled beaches. In 1990 and 1991, low concentrations of polynuclear aromatic hydrocarbons were sporadically detected at locations adjacent to heavily oiled beaches. Petroleum hydrocarbons were detected only sporadically in mussels deployed in locations outside Prince William Sound in 1989.	ST3B

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
ST3B	Sediment Traps Damage Assessment	ADEC	Final report accepted by OSPIC; available to public.	Sale, David M., J. Gibeaut, J. Short. Nearshore subtidal transport of hydrocarbons and sediments following the *Exxon Valdez* oil spill. ADEC The subtidal sediment trap study demonstrated that oiled particulate matter derived from oil-impacted beaches in Prince William Sound contaminated adjacent subtidal sediments. The study further showed that the transfer rate of oil from beach to subtidal sediment was highest the year following the spill, and declined steadily thereafter.	ST3A and ST4
ST4	Fate and Toxicity Damage Assessment	NOAA	Report submitted to OSPIC; undergoing final formatting review.	Fate and toxicity of spilled oil from the *Exxon Valdez*. 1994. Results indicate that some toxicity was still associated in 1990 and 1991 with sediments from lower intertidal zones of heavily oiled sites. The fate of *Exxon Valdez* oil will include transformation of most constituents (through biodegradation and photooxidation) mainly into carbon dioxide and water, although some constituents may persist indefinitely.	AW4, ST1, ST2, ST3A, ST3B, ST7, TS1 and response studies.
ST5	Shrimp	ADFG	Final report accepted by OSPIC; available to public.	Trowbridge, C. 1992. Injury to Prince William Sound spot shrimp. ADF&G, Commercial Fisheries Management and Development Division, Anchorage, AK. Hydrocarbon analyses did not detect oil contamination with sampled spot shrimp. Shrimp collected in unoiled areas had more inflammatory gill lesions than did shrimp from the oiled area. These results indicate that oil contamination had little or no effect on spot shrimp.	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
ST6	Rockfish Damage Assessment	ADFG	Final report accepted by OSPIC; available to public.	Hoffman, A. Injury to demersal rockfish and shallow reef habitats in PWS, 1989-91. Oil was determined to be the cause of death for a small number of demersal rockfish in Prince William Sound. Dead and dying rockfish were reported from the spill area. Of the five fish that were fresh enough to be necropsied, exposure to crude oil was found to be the cause of death. These results prompted additional testing for hydrocarbons in live fish. These tests showed at least 11 of 36 rockfish tested from oiled sites had been exposed to oil within 2 weeks prior to testing. None of the 13 fish from unoiled sites were exposed to oil. Subsequent studies showed some indications of sublethal injuries to rockfish from exposure to oil.	ST2A and ST2B
ST7	Demersal Fishes Damage Assessment	NOAA	Final report accepted by OSPIC; copies currently being made. [NOTE: Final report available to public January 31, 1996.]	Collier, T. Assessment of oil spill impacts on fishery resources: measurement of hydrocarbons and their metabolites, and their effects, in important species. NOAA Results show continuing exposure of several benthic fish species and pollock, suggesting continuing petroleum contamination of subtidal sediments, water and food in 1990 and 1991 at sites up to 400 miles from the spill origin.	ST1A

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
ST8	Sediment Data Synthesis	NOAA	REPORT OVERDUE. [NOTE: Per Bruce Wright 2/14/96, Jeff Short preparing letter to Executive Director requesting extension so data from Ron Heinz's project can be included in report; Bruce says the Chief Scientist supports the extension.]	Report will include electronic database. Analyzed several thousand environmental samples, provided numerical correlations directly related to oil, and assessed associations of observed biological effects with concentrations of *Exxon Valdez* oil.	TS1, TS3, and 93053.
TM3	River Otter and Mink Damage Assessment in Prince William Sound	ADFG	Report accepted by Chief Scientist. Not yet at OSPIC.	The results indicate that differences in home range, habitat selection, and latrine site abandonment, as well as changes in food habits, occurred in river otters.	CH1B and R103
TS1	Hydrocarbon Analysis	NOAA	Report being prepared under ST8.	See ST8. Coordinated the chemical analysis of all samples collected by damage assessment studies to develop a single set of analytical data comparable across projects.	ST8, TS3, and B08.
TS3	GIS Mapping and Analysis: Damage Assessment	ADNR	No report required.	Provided mapping and database support for damage assessment projects.	Supported numerous damage assessment projects, including FS 4, FS13, CH1A and R47.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93002	Sockeye Salmon Overescapement	ADFG	Annual report (funded under 94258) accepted by Chief Scientist February 22, 1995. Not yet at OSPIC.	Schmidt, D., et al. Sockeye salmon overescapement. Red Lake 1994 plankton indicate downward trend associated with increased sockeye salmon fry recruitment. May suggest increased smolt production in 1995 likely. Akalura Lake failed to meet escapement goals. Adult return to Red Lake accurately forecasted by smolt program. Kenai River adult return forecast with large bounds because of uncertainty of smolt production in 1990.	Project is continuation of FS27, 93002. Continued as 94258.
93003	Salmon Egg to Pre-emergent Fry Survival	ADFG NOAA	The results of this project will be presented in two reports (funded under 94191): (1) ADFG report accepted by OSPIC; available to public. (2) NOAA results included in report prepared under 94191. See 94191 for status.	(1) Sharr, S. and J.E. Seeb. 1994. Injury to salmon eggs and preemergent fry in Prince William Sound. (2) See 94191. Oil exposures completed for 1992 and 1993 brood years. 1992 brood pink salmon died from bacterial kidney disease; spawning not possible. Precautions to ensure survival of 1993 brood have been taken. Persistence of elevated embryo mortalities in oiled streams in 1992 indicate possible genetic damage to wild pink salmon populations from the *Exxon Valdez* oil spill. Preliminary laboratory studies support the genetic hypothesis. Additional laboratory studies demonstrate dose response of pink salmon embryos when incubated in gravel exposed to crude oil from the *Exxon Valdez*.	Started in 1989 as FS2 and continued as R60C and 94191.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93006	Site Specific Archaeological Restoration	DOI/ NPS	REPORT (funded under 94007) OVERDUE.	Birkedahl, T., et al. 1993. Archaeological site monitoring and restoration. Archaeological restoration assessments conducted at 14 sites in 1993 suggest that a majority of the archaeological vandalism that can either be directly or indirectly linked to the *Exxon Valdez* oil spill event occurred in 1989 before adequate constraints were put into place over the activities of oil spill clean-up personnel. Most vandalism took the form of "prospecting" for high yield sites. In 1993, only two of the 14 sites visited showed signs of continued vandalism and the link between this recent vandalism and the *Exxon Valdez* oil spill event remains highly problematical. Oil monitoring samples from the archaeological sites have not been processed as of this date, but oil was still visible to the naked eye in the intertidal zones of two of the 14 sites visited.	Continued as 94007.
93012	Genetic Stock Identification of Kenai River Sockeye Salmon	ADFG	Draft report (funded under 94504) submitted to Chief Scientist November 6, 1995; under peer review.	Genetic data were collected during 1992 and 1993 from spawning populations contributing to mixed-stock harvest of sockeye salmon in Cook Inlet. These data were used in a pilot study to estimate the component of Kenai River stocks harvested in mixed-stock areas of Upper Cook Inlet.	Began as R52. Continued as 94504. Spawning samples collected under 93015.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93015	Kenai River Sockeye Salmon Restoration	ADFG	Annual report accepted by OSPIC; available to public.	Tarbox, K., et al. Kenai River sockeye salmon restoration. Successful collection of baseline and fishery genetic samples. Successful in-season hydroacoustic survey of Upper Cook Inlet by subcontractor.	Began as R52 and continued as 94255. Genetic samples analyzed under 93012.
93016	Chenega Bay Chinook and Silver Salmon (NEPA Compliance)	ADFG	No report required (NEPA compliance only).		Continued as 94272. Also related to 93017.
93017	Subsistence Food Safety Survey and Testing	ADFG	Final report accepted by OSPIC; available to public.	Miraglia, R.A. 1995. Subsistence restoration project. ADF&G, Division of Subsistence, Anchorage, AK. First round of tests for hydrocarbon contamination of subsistence resources showed little or no contamination. Results of second round of testing are pending. The observations of abnormalities in the tested resources caused a shift in concerns of subsistence users from oil contamination to what effects these abnormalities have on these resources. A series of public meetings were held in communities to locate sites and species of concern.	Continued as 94279.
93024	Restoration of Coghill Lake Sockeye Salmon Stock	ADFG, USFS	Draft report peer reviewed; returned to PI for revision September 15, 1995.	Monitoring showed the need for modifying both the type and concentrations of fertilizer.	Continued as 94259 and 95259.
93032	Cold Creek Pink Salmon Restoration (NEPA Compliance)	ADFG	Project canceled.		R105

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93033	Harlequin Duck Restoration	ADFG	The results of this project will be presented in two reports (funded under 94066): (1) Report on Afognak habitat assessment and PWS production survey submitted to Chief Scientist August 9, 1995. (2) REPORT OVERDUE. Analyses of blood and physiological samples (being performed by UC-Davis) not received. Contract compliance is now two years delinquent.	(1) Restoration monitoring of harlequin ducks in PWS and Afognak Island. Only 3 harlequin broods observed in western Prince William Sound; 14 in eastern Prince William Sound. Decreased numbers of harlequins molting in western Prince William Sound in July. Suspect incomplete gonadal development in pre-nesting western Prince William Sound harlequins. Blood/physiological analysis and hydrocarbon analyses in process. Harlequin breeding stream/nest site model in preparation. Harlequin breeding assessment completed on North Afognak Island.	Started in 1989 as B11 and continued as R71. 94427 and 96427 continue harlequin brood surveys.
93034	Pigeon Guillemot Recovery	DOI	Report (funded under 94506) accepted by OSPIC; available to public.	Sanger, G.A. and M.B. Cody. 1994. Survey of pigeon guillemot colonies in Prince William Sound, Alaska. U.S. Fish and Wildlife Service, Anchorage. One hundred eighty-four colonies, concentrated in southwest Prince William Sound and at Naked Island, were identified. This colony survey confirmed that the present population of pigeon guillemots in Prince William Sound is 3,000 - 4,900.	Continued as 94173.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93035	Black Oystercatchers / Oiled Mussel Beds	DOI	Draft report (funded under 94020) submitted to Chief Scientist for peer review October 23, 1995. [NOTE: Draft report peer reviewed; returned to PI for revision January 3, 1996.] Report also includes findings from R103.	Andres, B. 1993. Potential impactsof oiled mussel beds on higher organisms: black oystercatchers. US Fish and Wildlife Service, Anchorage, AK. Growth rates of oystercatcher chicks were lower on oiled than unoiled nest sites. Some alphatic compounds were detected in 1992 fecal samples from oiled sites. Breeding pairs increased on oiled Green Island from 1992 to 1993 but decreased on Knight Island from 1991 to 1993.	Continued as 94020.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93036	Oiled Mussel Beds	DOI, NOAA	The results of this project will be presented in two reports: (1) DOI draft annual report peer reviewed; returned to PI for revision July 21, 1995. (2) Annual report submitted to Chief Scientist October 6, 1995; undergoing peer review. Annual report accepted by OSPIC; available to public. [NOTE: Annual report peer reviewed January 10, 1996.]	(1) Cusick, J.A. and G.B. Irvine. 1995. Geographical extent and recovery monitoring of intertidal oiled mussel beds in the Gulf of Alaska affected by the *Exxon Valdez* oil spill. (2) Babcock, M. Recovery monitoring and restoration of oiled mussel beds in PWS, Alaska. In 1992 and 1993, mussels and sediments from 70 mussel beds in PWS were sampled. Sediments collected from 31 of the oiled beds had total petroleum hydrocarbon concentrations greater than 10,000 ng/g wet weight. The highest concentrations were in sediments collected from Foul Bay (62,258 +/- 1,272 ng/g total polynuclear hydrocarbons). Minimally intrusive site manipulation was conducted at three heavily oiled mussel beds. Preliminary evaluations indicate these methods were not effective in reducing petroleum hydrocarbons adjacent to manipulated areas. Along the Kenai and Alaska Peninsulas, 15 mussel beds were sampled--four of which were new sites--and four of these beds showed total petroleum hydrocarbons in excess of 5,000 ng/g wet weight.	Continued as 94090.
93038	Shoreline Assessment	ADEC	Redraft of report submitted to Chief Scientist October 2, 1995. [NOTE: Draft report peer reviewed; returned to PI for revision January 26, 1996.]	Piper, E., et al. 1993 shoreline assessment. Surface oil has become stable. Subsurface oil has decreased substantially since 1991. Oiling is discontinuous throughout the study site.	

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93039	Herring Bay Experimental and Monitoring	ADFG	Draft report peer reviewed; returned to PI for revision September 15, 1995.	Highsmith, R.C., M.S. Stekoll, P. van Tamelen, A.J. Hooten, S.M Saupe, L. Deysher, and W.P. Erickson. 1995. Herring Bay monitoring and restoration studies. School of Fisheries and Ocean Sciences, UAF. Examination of dominant intertidal alga, *fucus gardneri,* has shown that larger plants were removed from intertidal in areas affeced by spill/clean-up. Where *fucus* cover was reduced, abundance of ephemeral algae often increased. Populations of grazing invertebrates, e.g., limpets and periwinkles, showed reduced densities at oiled sites in upper intertidal. Initially, barnacle recruitment was lower in quadrats on tar-covered rocks than clean quadrats, but differences disappeared at most sites over time. *Fucus* germlings and filamentous algae continued to have lower densities and percent cover on oiled than non-oiled substrates. Recovery occurring in lower/middle intertidal zones and normal community interactions returning. Upper intertidal continues to exhibit damage; recovery may take additional 2-5 years.	Evolved from CH1A and R102 and continued as 94086.
93041	Comprehensive Monitoring	NOAA	Project discontinued.		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93042	Killer Whale Recovery	NOAA	Final report (funded under 94092) submitted to OSPIC; undergoing formatting review. [NOTE: Final report accepted by OSPIC; available to public February 14, 1996.]	Dalheim, M.E. 1994. Assessment of injuries and recovery monitoring of Prince William Sound killer whales using photo-identification techniques. National Marine Mammal Laboratory, Seattle, WA. Photographic analysis of resident pods revealed 14 animals missing from AB pod over the period 1989-1991. Despite considerable searching effort in PWS and Southeast Alaska, the missing whales have not been observed. Given the stability of resident pods, it is assumed the missing whales are dead. The mortality rates for AB pod ranged from 3.1% in 1988 to 19.4% in 1989, 20.7% in 1990, and 4.3% in 1991. Zero mortality occurred in 1992 and 1993. The adult annual mortality rate of killer whales is usually less than 2%. Annual pod mortality rates on the order of 20% are unprecedented for North Pacific killer whales.	Close-out/report writing funded under 94092.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93043	Sea Otter Demographics and Habitat	DOI (NBS)	The results of this project will be presented in three reports (funded under 94246): (1) Data on recovery of sea otter carcasses being presented in MM6 (#15). (2) Final report accepted by Chief Scientist. Not yet at OSPIC. (3) Draft report on sea otter demographics peer reviewed; returned to PI for revision August 21, 1995.	(1) See MM6(#15). (2) Bodkin, J.L. and M.S. Udevitz. 1993 trial aerial survey of sea otters in PWS, Alaska. 1994. NBS, Anchorage, AK. (3) Udevitz, M.S. , B.E. Ballachey, and D. L. Bruden. 1995. A population model for sea otters in western PWS. USNBS. Anchorage, AK. Aerial survey of sea otters in Prince William Sound completed summer 1993; estimated abundance is approximately 18,000. Age distribution of sea otter carcasses recovered in spring 1993 in western Prince William Sound is similar to prespill distribution. Age- and sex-specific survival rates generated from carcass data for sea otters in Prince William Sound.	Report writing funded under 94246.
93045	Marine Bird / Sea Otter Surveys	DOI	Final report accepted by OSPIC; available to public.	Agler, B.A., P.E. Seiser, S.J. Kindall and D.B. Irons. 1994. Marine bird and sea otter populations in Prince William Sound, Alaska: Population trends following the *Exxon Valdez* oil spill. U.S. Fish and Wildlife Service, Anchorage. Overall marine bird population estimates in Prince William Sound have not changed significantly since 1989, but were 41% lower than 1972-1973 estimates. Rates of increase of goldeneyes and surfbird populations were higher in the unoiled zone of Prince William Sound than in the oiled zone, whereas oystercatchers increased more rapidly in the oiled zone.	Started as part of B2 and continued as 94159.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93046	Habitat Use, Behavior, and Monitoring of Harbor Seals in PWS	ADFG	Final report (funded under 94064) accepted by OSPIC; available to public.	Frost, K.J. and L.F. Lowry. 1994. Habitat use, behavior, and monitoring of harbor seals in Prince William Sound, Alaska. ADFG Counts of seals at 25 trend sites in Prince William Sound were similar during pupping and molting in 1992 and 1993. However, 1993 pupping counts were 23% lower than in 1989. Molting counts were similar to 1989 postspill counts, but 27% lower than 1988 counts. Sixteen seals satellite-tagged since 1992 indicate that seals in central Prince William Sound haul out and feed near the same sites with little movement to other areas. Feeding usually occurs in depths of 100-200 meters, with a maximum recorded dive depth of 404 meters.	Started in 1989 as MM5, which was closed out as R73. Continued as 94064.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93047	Subtidal Monitoring	ADEC, ADFG, NOAA	The results of this project will be presented in three reports (funded under 94285): (1) NOAA sediments - Draft final report peer reviewed and returned to PI for revision October 20, 1995. (2) ADEC microbiology - Final report accepted by OSPIC; available to public. (3) ADFG eelgrass - Final report accepted by OSPIC; available to public.	(1) Recovery of sediments in the subtidal sediment environment. (2) Braddock, J. Microbiology of subtidal sediments: monitoring and microbial populations. (3) Jewett, S., et al. The effects of the *Exxon Valdez* oil spill on shallow subtidal communities in PWS 1989-93. As a follow-up to previous studies from 1989-1991, the numbers and activity of oil-degrading microorganisms were measured in sediments collected in 1993. Preliminary results suggest some contamination remains in subtidal sediments. However, generally very low numbers were found where visible oil was present (e.g., subsurface sediments, Northwest Bay). Analysis of 1993 eelgrass data complete. Several infaunal and epifaunal taxa more abundant in oiled bed sites than control sites. Amphipods less abundant in oiled sites. Sea urchins are more abundant. *Hemosiderosis* in fishes from oiled sites.	Started as ST1A and continued as 94285. Report writing under 94285.
93049	Monitor Murre Colony Recovery	DOI/ FWS	Final report accepted by OSPIC; copies currently being made.	Roseneau, D. 1995. Common murre Restoration monitoring in the Barren Islands, Alaska, 1993. U.S. Fish and Wildlife Service, AK Maritime NWR, Homer, AK. Murre productivity in the Barren Islands was 0.4 - 0.6 chicks per nest site in 1993, up from near zero in 1989. Population counts on plots were similar to or higher than in previous postspill years.	Started as R11 and continued as 94039. (Formerly in EVOS database as 93022.)

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93051	Habitat Information for Anadromous Streams and Marbled Murrelets	ADFG, DOI, USFS	The results of this project will be presented in 5 reports (funded under 94505): (1) ADFG Stream Habitat Assessment/PWS & Lower Kenai- Final report accepted by OSPIC; available to public. (2) USFS Habitat Protection Info. for Channel Type Classification Study- findings included in report prepared under 95505B. See 95505B for results. (3) DOI Pilot Study on Capture and RadioTagging of Murrelets in PWS- Final report accepted by Chief Scientist; not yet at OSPIC. (4) DOI Information Needs for Habitat Protection: Marbled Murrelet Habitat Identification -Final report accepted by OSPIC; available to public. (5) USFS Upland Nesting Habitat of Marbled Murrelet - final report accepted by OSPIC; available to public.	(1) Sundet, K., et al. 1994. Stream habitat assessment project: Prince William Sound and Lower Kenai Peninsula. ADFG (2) See 95505B. (3) Burns, R.A., et al.1994. Pilot study on the capture and radio tagging of murrelets in PWS, AK, July and August, 1993. U.S. Fish and Wildlife Service, Anchorage, AK. (4) Kuletz, K.J., et al. Information needs for habitat protection: marbled murrelet habitat identification. 1994. (5) Characterization of the upland nesting habitat of the marbled murrelet in the *Exxon Valdez* spill area. Late season surveys, sites at the heads of bays, low elevations, high percentages of forest cover, and large trees were all consistent predictors of high murrelet activity. Radar performed better than humans in detecting murrelets and was cheaper than boat-based or ground-based surveys by humans. About 995 km of shoreline and 117 km^2 of uplands were surveyed for anadromous fish streams on private lands on the lower Kenai Peninsula and in Prince William Sound, resulting in discovery of 186 anadromous streams totaling about 57 km. Stream habitat parameters were collected along all streams, upper extents of anadromous distribution were documented and streams were mapped by GIS.	Evolved from R15 and R47. Also related to 93045. Project closeout in FY 94 as 94505 and in FY95 as 95505B.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93053	Hydrocarbon Database	NOAA	No report required.	Continuing project with updating and quality control of hydrocarbon data. Analyzed several thousand environmental samples, provided numerical correlations directly related to oil, and assessed associations of observed biological effects with concentrations of *Exxon Valdez* oil.	Continued as 94290.This project supports most restoration projects.
93057	Damage Assessment GIS	ADNR	No report required.	Cataloged and plotted over 160 maps for public access at OSPIC. Provided mapping and database support for damage assessment studies.	Supported numerous damage assessment projects, including B11, FS13, AW1, and CH1A.
93059	Habitat Identification Workshop	USFS	No report required.	Identified parcels of non-public land containing critical habitat necessary for the recovery of injured resources and services.	
93060	Accelerated Data Acquisition	USFS	No report required.	Collected and organized existing resource data needed for the analysis of private lands in the oil spill area.	
93062	Restoration GIS	ADNR	No report required.	Provided technical mapping and database support for restoration projects. Generated spill area map and land status maps for Kachemak Bay, Seal Bay, and Eyak lands in support of habitat protection data analysis and negotiations. Plotted maps to provide public access to EVOS information.	Supported numerous restoration projects, including 93038, 93063, 93064 and R47.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93063	Anadromous Stream Surveys	USFS	Project is data analysis and report writing for anadromous stream portion of R105.	See R105.	Started as R105 and continued as 94139.
93064	Imminent Threat Habitat Protection	ADNR	No report required.	See "Opportunities for Habitat Protection/Acquisition" (2/16/93) and "Comprehensive Habitat Protection Process; Large Parcel Evaluation & Ranking, Volume I" (11/30/93). Imminent Threat Evaluation and the first round of Large Parcel Evaluation were completed. $7.5 million from settlement funds was combined with $14.5 million from other sources for the purchase of private inholdings in Kachemak Bay. $29,950,000 was committed from the most recent court request for the initial payment for purchase of private land near Seal Bay on Afognak Island. The total purchase price of this transaction is $38,700,000 with the balance to be paid in three annual installments.	
93065	Prince William Sound Recreation	USFS ADNR	Report (funded under 94217) submitted to OSPIC; undergoing formatting review.	Menefee, W. and S. Hennig. 1994. Prince William Sound recreation project. Recreation Injury Statement (10/93) was incorporated into the Draft Restoration Plan. Final report includes a prioritized list of projects and other recommendations for restoration of recreation in Prince William Sound.	Close-out/report writing funded under 94217.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
93066	Alutiiq Archeological Repository	ADEC	No report required.	Opening ceremony held May 13, 1995.	
93067	Pink Salmon Coded Wire Tag Recovery	ADFG	Redraft of report (funded under 94184) submitted to Chief Scientist November 30, 1995. [NOTE: Final report accepted by Chief Scientist February 9, 1996.]	Sharr, S., and Peckham, C.J. 1993. Coded wire tag recoveries from pink salmon in PWS fisheries. Reduced commercial exploitation of damaged wild pink salmon populations through timely inseason estimates of hatchery and wild contributions to harvest. Accurate and timely stock composition estimates were used by fisheries managers to justify restriction of fishing fleet to areas where interception of damaged wild populations in mixed-stock fisheries could be minimized.	Started as FS3 and continued as R60A, 94184 (report preparation) and 94320B.
93068	Non-Pink Salmon Coded Wire Tag Recovery	ADFG	1993 results will be included in report being prepared under 94137. See 94137 for status.	See 94137. Timely and accurate inseason estimates of hatchery and wild stock contributions to commercial harvest for improved management of wild stocks in mixed-stock fisheries.	Evolved from FS3; continued as 94137.
93AD	Administrative Director's Office		No report required.		
93FC	Financial Committee		No report required.		
93RT	Restoration Team Support		No report required.		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94007	Site Specific Archaeological Restoration	ADNR	The results of this project will be presented in two reports (funded under 95007A): (1) Site protection plan accepted by OSPIC; copies currently being made. [NOTE: Available to public January 1996.] (2) ANNUAL REPORT OVERDUE. [NOTE: Annual report submitted to Chief Scientist for peer review February 12, 1996.]	(1) Bittner, J.E. and D.R. Reger. 1995. The 1994 EVOS report, spill area site and collection plan. ADNR, Anchorage, Alaska. (2) Monitoring: ADNR monitored seven sites on Shuyak Island and Outer Kenai Coast (including three at Nuka Island) and found oil but no evidence of new disturbance. USFWS monitored six sites on Afognak Island and found no indication of new vandalism. NPS monitored two sites, McArthur Pass in Kenai Fjords National Park and Cape Gull on the Katmai coast, and found no new damage. Data Recovery: USFS began restoration of two sites in PWS: SEW-440 and SEW-448. Site Protection Plans: ADNR compiled information about the need for site protection, with emphasis on adequate curation of collections in the spill area.	Continuation of 93006.
94020	Black Oystercatcher Interaction with Intertidal	DOI	Project is close-out/report writing for 93035.	See 93035.	Close-out/report writing for 93035.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94039	Common Murre Population Monitoring	DOI/FWS	Draft final report (funded under 95039) peer reviewed; returned to PI for revision November 14, 1995.	Roseneau, D.G., A.B. Kettle, and G.V.Byrd. Common murre restoration monitoring in the Barren Islands, Alaska in 1994. U.S. Fish and Wildlife Service, Alaska Maritime NWR, Homer, AK In 1994, complete censuses and replicate index plot counts were made at the East Amatuli Island-Light Rock and Nord Island murre colonies. Although a marginally significant increasing trend was found over the 6-year post-spill period at one 2-plot index area at East Amatuli Island-Light Rock, no significant trends were detected in the other 1989-1994 East Amatuli Island-Light Rock and Nord Island population data sets. Productivity was high (0.7 fledglings per nest site) and within normal bounds, compared with other colonies.	Begun as R11; continued as 93022. Close-out/report writing under 95039.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94041	Introduced Predator Removal from Islands	DOI/ FWS	Annual report accepted by OSPIC; copies currently being made.	Bailey, E. 1995. Introduced predator removal in the Shumigan Islands. U.S. Fish and Wildlife Service, Alaska Maritime NWR, Homer, AK. Removed 33 arctic foxes from Simeonof Island (no more believed remaining); removed 3 arctic foxes from Chernabura Island (population appeared to be dying out naturally). Censused populations of black oystercatchers and pigeon guillemots on above islands as well as on nearby islands with no foxes (controls). No oystercatcher nests found on fox islands; densities of both oystercatchers and guillemots are much less on fox islands than on fox-free ones. Recovery of nesting populations of oystercatchers and guillemots is expected to begin in 1995 on Simeonof and Chernabura islands.	
94043A1	Eshamy River Restoration (W. PWS)	USFS	Project discontinued.		

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94043A2	Gumboot Creek Restoration (W. PWS)	USFS	No report required (NEPA only).		NOTE: Also known as Gunboat Creek.
				EA completed and decision notice signed July 27, 1995.	
94043A3	Stream No. 508 Restoration	USFS	Project discontinued.		
94043A4	Stream No. 509 Restoration (W. PWS)	USFS	Project discontinued.		
94043A5	Otter Creek/Lake Restoration (Knight I.)	USFS	No report required (NEPA only).		
				EA completed and decision notice signed June 28, 1995.	

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94043A6	Miners Creek/Lake Restoration (N. PWS)	USFS	Project discontinued.		
94043A7	Shrode Creek/Lake Restoration (W. PWS)	USFS	No report required (NEPA only).	EA completed and decision notice signed June 28, 1995.	
94043B1	Sockeye Creek/Lake Restoration (Knight I.)	USFS	No report required (NEPA only).	EA finalized and signed. EA concluded that Sockeye Creek is not a cost effective site for this project at this time.	
94043B2	Rocky Creek/Bay Restoration (Montague)	USFS	Final report submitted to Chief Scientist for peer review November 3, 1995. [NOTE: Final report peer reviewed and returned to PI for revision January 6, 1996.]		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94064	Harbor Seal Habitat Use and Monitoring	ADFG	Annual report (which includes results of 94320F) accepted by OSPIC; copies currently being made. [NOTE: Available to public January 18, 1996.] NOTE: Project also includes report writing funds for 93046.	Frost, K., et al. 1995. Habitat use, behavior, and monitoring of harbor seals in PWS, AK. ADF&G. Twenty-six seals caught and sampled September 1994 (blood, whiskers for stable isotopes, blubber for fatty acids, skin for genetics, measurements). Twelve of these instrumented with satellite-linked time-depth recorders (6 adults, 6 subadults). Aerial surveys conducted during molting period in September. Preliminary survey analysis suggests no marked increase or decrease since 1993. Eight SLTDRs functioning on 11/10/94. Most seals remain local in PWS; one subadult in Gulf of Alaska.	Started as MM5; continued as R73, 93046, and 95064.
94066	Harlequin Duck Recovery Monitoring	ADFG	Project is close-out/report writing for 93033.	See 93033.	Close-out/report writing for 93033.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94086	Herring Bay Experimental and Monitoring Studies	ADFG	Annual report submitted to Chief Scientist August 30, 1995; under peer review. [NOTE: Annual report peer reviewed February 1996; not yet at OSPIC.]	Four field trips were conducted in 1994 for data and sample collections. Data was collected for population dynamics, barnacle recruitment, and water circulation studies.	Population dynamics portion of 93039.
94090	Mussel Bed Restoration and Monitoring	NOAA	Annual report submitted to Chief Scientist October 6, 1995; undergoing peer review. Annual report accepted by OSPIC; available to public.	Babcock, M.M., P.M. Harris, S.D. Rice, R.J. Bruyere, and D.R. Munson. 1995. Recovery monitoring and restoration of oiled mussel beds in Prince William Sound, AK. NOAA/NMFS, Juneau, AK Twelve mussel beds were cleaned and restored in 1994.	CH1B and 93036. Continued as 95090.
94092	Killer Whale Recovery Monitoring	NOAA	Project is close-out/report writing for 93042. See 93042 for status.	See 93042.	Continuation of 93042.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94102	Marbled Murrelet Prey and Foraging Habitat in Prince William Sound	DOI/FWS	Final report (funded under 95102) accepted by Chief Scientist. Not yet at OSPIC.	Kuletz, K.J., D.K. Marks, R. Burns, and L. Prestash. Marbled murrelet foraging patterns and habitat use during the breeding season in PWS. Forty-seven murrelets were radio-tagged. Foraging ranges were obtained by tracking birds with boats and planes. Birds foraged up to 60 kms. from their nests (average 10 km.). The average distance from shore was 0.6 km.	R15, 93051, 95102
94110	Habitat Protection - Data Acquisition and Support	ADNR	No report required.	See Habitat Protection Working Group, "Comprehensive Habitat Protection Process; Large Parcel Evaluation and Ranking" Volumes I and II (November 2, 1994 Supplement).	Close-out under 95110-CLO.
94126	Habitat Protection and Acquisition Fund	ADNR	No report required.		94110

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94137	Stock Identification of Chum, Sockeye, Chinook, and Coho in PWS	ADFG	Report, (funded under 95137) which will include results of 93068, being drafted.	Scanned approximately half a million sockeye salmon and 1/3 million chum salmon in PWS for tags. Results of sockeye tag recoveries were used to manage fisheries in western PWS. Interception of Coghill Lake-bound wild fish was kept to a minimum.	Evolved from FS03; continued as 93068 and 95137.
94139A1	Waterfall Creek Bypass Instream Restoration	ADFG	No report required (project carried forward as Project 95139A1).		94043, carried forward as 95139A1
94139A2	Port Dick Spawning Channel	ADFG	No report required (project carried forward as 95139A2).		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94139B1	Otter Creek Bypass Instream Restoration	USFS	Annual report accepted by OSPIC; available to public.	Wedemeyer, K., et al. 1995. Instream habitat and stock restoration for salmon, Otter Creek barrier bypass subproject. USDA Forest Service, Chugach N.F., Anchorage, AK	95139B
				Otter Creek bypass rehabilitation completed.	
94139B2	Shrode Creek Bypass Instream Restoration	USFS	Annual report accepted by OSPIC; available to public.	Wedemeyer, K., et al. 1995. Stream habitat and stock restoration for salmon, Shrode Creek barrier bypass subproject. USDA Forest Service, Chugach N.F., Anchorage, AK	95139B
				Shrode Creek bypass renovation completed.	
94139C1	Montague Island Chum Instream Restoration	USFS	Annual report submitted to Chief Scientist November 30, 1995; under peer review.	Schmid, D., et al. 1995. Montague Island chum salmon restoration. USDA Forest Service, Chugach N.F., Cordova, AK	95139C1
				Project completed for three streams on Northern Montague Island. This project completed 32 structures and 15 acres of thinning.	

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94139C2	Lowe River (6.5 Mile) Instream Restoration	ADFG	No report required (project carried forward as Project 95139C2).		95139C2
94159	Marine Bird & Sea Otter Boat Surveys	DOI	Final report approved by OSPIC;available to public.	Agler, B.A., S.J. Kendall, P.E. Seiser, and D.B. Irons. 1995. Marine bird and sea otter abundance of PWS, Alaska: Trends following the T/V *Exxon Valdez* oil spill. Estimated 320,470 plus-or-minus 63,640 marine birds in PWS in March 1994. Goldeneye and merganser populations may still be showing effects from oil spill. They are both increasing faster in the unoiled area than in the oiled area.	Began as B2; continued as 93045.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94163	Forage Fish Influence on Recovery of Injured Species	NOAA, ADFG	The results of this project will be presented in two reports: (1) ADFG: Annual report submitted to Chief Scientist October 3, 1995; under peer review. [NOTE: ADFG report peer reviewed February 20, 1996.] Annual report submitted to OSPIC; undergoing formatting review. (2) NOAA: Annual report accepted by OSPIC; available to public.	(1) Willette, M. 2) Tyler, A., et al. Forage fish study in PWS, AK. UAF/NMFS. Appendix by B. Ostrand, USFWS/DOI. NOAA: August cruise: (a) Hydroacoustic data showed fish schools mainly in the more shallow water regions near the bottom; fish appeared absent from mid-water layers over the deep passages. November cruise: (a)Temperature-depth profiles for open areas of PWS showed surface temperature 7.0C, warming to 9.0C at 50m depth. Water cooled to 5.0C with further increase in depth. Salinity gradually increased through this depth range, indicating little mixing of the water column and that cooling was occurring from the surface downward due to cold air temperatures. Over the shallow shelf areas the profiles were different, being at 8.0C and mixed to 70m. (b) Five stations were sampled for invertebrate forage species, with euphausiids the abundant crustacean at most stations. (c) Hydroacoustic analysis showed fish mainly located above the temperature maximum at depths of 20 to 40 meters (net sampling showed these fish were young herring mixed with young pollock). Hydrograhpic data indicated fish aggregations were at temperatures of 7.0 to 7.5C. A second layer of fish was seen near the bottom (likely adult pollock). ADFG: pproximately 1,500 stomach samples collected for analysis of diet overlap. Found Pacific herring, walleye pollock, and juvenile chum salmon common and widespread throughout western PWS.	Integrate with Projects 94320 (PWS System Investigation), 94102 (Murrelet Prey), and 94173 (Pigeon Guillemot).

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94165	Herring Genetic Stock Identification in Prince William Sound	ADFG	Project deferred to FY 95 (95165).		95165
94166	Herring Spawn Deposition and Reproductive Impairment	ADFG, NOAA	The results of this project will be presented in two reports: (1) ADFG annual report submitted to Chief Scientist November 20, 1995. (2) NOAA annual report submitted to Chief Scientist October 25, 1995; under peer review. [NOTE: Annual report peer reviewed February 1, 1996.] Annual report accepted by OSPIC; available to public.	(1) Wilcock, et al (2) Carls, M.G., S.D. Rice, and R.E. Thomas. 1995. Impact of exposure of adult pre-spawn herring (*Clupea harengus pallasi*) on subsequent progeny. NOAA/NMFS, Juneau, AK. Adult herring biaccumulated hydrocarbons, including ovarian tissue and ova. Adults were stressed by oil when VHS was present; VHS prevalence was correlated with PAH concentration. Eggs and larvae were not impacted by parental exposure to hydrocarbons. Factors unaffected included egg fertility, time of hatch, survival, larval stage at hatch, swimming ability, morphology, chromatid separation, and number of mitotic figures.	Coordinating with USFS regarding avian predation (94320Q).

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94173	Pigeon Guillemot Recovery Monitoring	DOI/ FWS	Final report approved by OSPIC; available to public.	Hayes, D. L. 1995. Recovery monitoring of pigeon guillemot populations in PWS, Alaska. USFWS, Anchorage, AK. Found evidence of predation on eggs and chicks on Naked Island and abandonment of eggs on Jackpot Island. On Naked Island, gadids were much more prevalent and sandlance much less prevalent in the diet of chicks in 1994 than in 1979-81. Herring or smelt accounted for ca. 32% of prey items delivered to chicks at Jackpot Island, but only ca. 1% at Naked Island.	Continued from 93034.
94184	Coded Wire Tag Recoveries from Pink Salmon in PWS	ADFG	Project is close-out/report writing for 93067.	See 93067.	Began as FS3. Continued as R60A, 93067, and 94320B.
94185	Coded Wire Tagging of Wild Pinks for Stock Identification	ADFG	Project discontinued.		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94191	Oil Related Egg and Alevin Mortalities	ADFG, NOAA	The results of this project will be presented in two reports: (1) ADFG annual report submitted to Chief Scientist November 13, 1995; undergoing peer review. (2) NOAA annual report accepted by OSPIC; available to public. (NOTE: Project also includes report writing funds for R60C and 93003.)	(1) Oil related egg and alevin mortalities. (2) Heintz, R.A., S.D. Rice, and J.W. Short. 1995. Injury to pink salmon eggs and pre-emergent fry incubated in oiled gravel (laboratory study). NOAA/NMFS, Juneau, AK ADFG - Collected gametes from 8 controlled and 8 oiled streams. These eggs are now being incubated and will be analyzed in 1995. NOAA - 1992 brood died from bacterial kidney disease. 1993 brood emerged from incubators by 5/15/94. 18,000 fish were coded wire tagged and released May 1994; 14,000 fish were retained for PIT tagging later in the summer. Dose-related differences in growth and size of 1992 brood year observed in October 1993 were not as apparent in April 1994. Embryo survival to the development of the eye and emergence from substrate were measured in 1993 brood year, and clear relationship was observed between dose and survival to both developmental stages. During emergence period, inspected over 50,000 newly emerged fry for visible lesions and observed a dose relationship with the proportion of fish displaying edema.	Began as FS02 and R060C; continued as 93003.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94199	Institute of Marine Science - Seward Improvements	ADFG	No report required.	Record of Decision signed by DOI, DOA (USFS), and NOAA October 31, 1994. Capital funding approved by Trustee Council November 2, 1994, subject to Executive Director's approval.	Continued as 95199-CLO.
94217	Prince William Sound Area Recreation Implementation	USFS	Project is close-out/report writing for 93065.	See 93065.	Close-out of 93065.
94244	Harbor Seal and Sea Otter Co-op Subsistence Harvest Assistance	ADFG	Annual report submitted to Chief Scientist November 13, 1995; under peer review. [NOTE: Annual report peer reviewed January 6, 1996; not yet at OSPIC.] (NOTE: Report also contains results from 95244.)	Fall, J. 1995. Harbor seal (*Phoca vitulina*) and sea otter (*Enhydra lutrus*) cooperative subsistence harvest assistance. ADF&G A harbor seal/sea otter restoration workshop took place in Anchorage December 2, 1994. It was attended by more than thirty people, including representatives from eight communities which use marine mammals for subsistence. A second workshop took place on March 2, 1995.	Continued as 95244

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94246	Sea Otter Recovery Monitoring	DOI	Project is close-out/report writing for 93043.	See 93043.	Close-out/report writing for 93043.
94255	Kenai River Sockeye Salmon Restoration	ADFG	Annual report accepted by OSPIC; copies currently being made. [NOTE: Available to public January 18, 1996.]	Tarbox, K.E., R.Z. Davis, L.K. Brannian, and S.M. Fried. 1995. Kenai River sockeye salmon restoration. ADF&G, Soldotna, AK.	Began as R53; continued as 93012 and 93015.
94258	Sockeye Salmon Overescapement	ADFG	Annual report submitted to Chief Scientist November 29, 1995; under peer review. NOTE: Project also includes report writing funds for 93002.	Skilak weight of fall predictive on both escapements and fall fry abundance. 1994 fall fry had low abundance and weight. Lipid comparisons of similar length fall fry from Tustumena and Skilak indicated Skilak fall fry entered winter in poor condition in 1993. 1995 adult return needed to define magnitude and duration of reduced sockeye production.	Started as FS27; continued as 93002 and 95258.

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Project No	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94259	Coghill Lake Sockeye Salmon Restoration	ADFG	Annual report accepted by OSPIC; copies currently being made. [NOTE: Available to public January 18, 1996.]	Edmundson, J.A., G.B. Kyle, and S.R. Carlson. 1995. Restoration of Coghill Lake sockeye salmon: 1994 annual report on nutrient enrichment restoration. ADF&G, Soldotna, AK. Estimated 900,000-1,800,000 smolts outmigrated this year. Escapement approximately 7,200 adults. Response of phytoplankton to liquid fertilizer applications suggests fertilizer is not being lost to the anaerobic layer, but is actually improving the productivity of Coghill Lake.	Began as 93024.
94266	Shoreline Assessment and Oil Removal	ADEC	The results of this project will be presented in two reports: (1) DOI/NBS: Draft final report peer reviewed and returned to PI for revision June 14, 1995. Redraft will be submitted once chemical analyses are complete. (2) ADEC: FINAL REPORT OVERDUE. Delay due in part to resignation of PI. Expected submittal date is March 29, 1996.		
94272	Chenega Chinook Release Program	ADFG	Annual report peer reviewed November 14, 1995. Not yet at OSPIC.	50,300 chinook smolts released at Crab Bay on 5/27/94. Chenega residents reared and fed smolts in net pens prior to release.	Continuation of 93016.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94279	Subsistence Food Safety Testing	ADFG	Annual report submitted to Chief Scientist November 29, 1995; under peer review.	Miraglia, R. Subsistence restoration project: food safety testing. Test results on final fish and shellfish samples received from NMFS lab. All results so low as to be within margin of error for tests. Seal samples from Tatitlek and duck samples from Chenega Bay were collected by ADFG with assistance from local subsistence hunters. Test results found hydrocarbon contamination was at background levels.	Continuation of 93017.
94285	Subtidal Sediment Recovery Monitoring	NOAA	Annual report submitted to Chief Scientist October 6, 1995; under peer review. Annual report accepted by OSPIC; available to public. (NOTE: Project also includes report writing funds for 93047.)	O'Clair, C.E., J.W. Short, and S.D. Rice. 1995. Subtidal monitoring: recovery of sediments in the Northwestern Gulf of Alaska. NOAA/NMFS, Juneau, AK.	Continuation of ST2A and 93047. Continued as 95106.
94290	Hydrocarbon Data Analysis and Interpretation	NOAA	No report required.	In FY94, 2,742 samples were received and several hundred were submitted for analysis.	Continuation of ST8 and 93053. Continued as 95290.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320A	Salmon Growth and Mortality	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		
				Growth rate of juvenile pink salmon in 1994 in PWS slightly above average compared to 1989-1993 period.	
94320B	Coded Wire Tagging Recovery-PWS Pinks	ADFG	Annual report peer reviewed October 13, 1995. Not yet at OSPIC.	Sharr, S., et al. 1994. Coded wire tag recoveries from pink salmon in PWS salmon fisheries. ADF&G.	Continued as 96186.
				Common property fisheries: 26.2 million caught, 4.4 million scanned (17%), 3,600-4,000 tags recovered. Hatchery revenue sales: 10.4 million caught, 2 million scanned (19%), 1,600 tags recovered. Scanned close to 100% of brood stock from PWS salmon hatcheries. Used results of in-season analysis, based on detection of tags, for critical management decisions regarding fishing areas and times. Ability to detect wild stock shortfalls and high abundance of hatchery fish contributed to meeting restoration goals.	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320C	Otolith Mass Marking of PWS Pink Salmon	ADFG	Annual report submitted to Chief Scientist March 31, 1995; under peer review.		Continued as 96188.
				Feasibility study initiated at PWSAC Cannery Creek Hatchery. Approximately 50,000 fry were immersed for different lengths of time and at different temperatures to determine optimum treatment for marking effectiveness and survival. Completed examination of otoliths subjected to varying levels of oxytetracycline and varying temperatures at ADFG lab. Marking was not successful for any of the treatment groups.	
94320D	Pink Salmon Genetics	ADFG	ANNUAL REPORT OVERDUE. [NOTE: 1/31/96 PI requested extension of due date to April 15, 1996 and that publication manuscript serve as annual report. This request is under review by Chief Scientist.]		94184, 94191
				In ADFG lab, DNA data show upstream and intertidal spawners in the same stream genetically differ. Have also found that mainland and island populations genetically differ.	

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320E	Salmon Predation	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Walleye pollock, adult pink salmon, Pacific herring, and dolly varden trout identified as important predators on juvenile salmon in Prince William Sound.	
94320F	Harbor Seals-Trophic Interactions	ADFG	Data/findings integrated into report prepared on 94064. See 94064 for status.	See 94064. Preliminary fatty acid analysis of blubber samples indicates several distinct feeding patterns. Some seals appear to eat plankton-eating fishes and others piscivorous fishes/prey such as pollock and squid. Stable isotope analysis indicates different feeding patterns for subadults and most adults. Adult females in particular show a strong annual shift in prey.	94064. Combined with 95064 for 1995.
94320G	Phytoplankton and Nutrients	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320H	Role of Zooplankton in PWS Ecosystem	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Time series of zooplankton biomass tracks predation on 0-class fish in April, May, and June.	95320H
94320I	Food Web Dependencies in PWS Ecosystem/Stable Isotopes	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Food Web of Fishes- Conducted isotopic analysis of approximately 500 samples (i.e, roughly 2,000 isotopic determinations). Marine Mammal Trophic Energetics- Conducted isotopic analysis of vibrissae of 23 seals, roughly 30 samples per whisker.	
94320J	Information Systems and Model Development	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320K	PWSAC-Experimental Fry Release	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Adult pink salmon will return in summer 1995 as a result of 1994 fry release. Marine survivals will be estimated based on coded wire tag data. Rearing and release strategies will be compared and differences in marine survival evaluated between rearing and release groups.	
94320L	PWSAC-Experimental Manipulation	ADFG	Annual report peer reviewed November 14, 1995. Not yet at OSPIC.		
94320M	Physical Oceanography in PWS and Gulf of Alaska	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320N	Nearshore Fish	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		
94320P	SEA Program: Program Management	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		All subprojects of 94320.
94320Q	Avian Predation on Herring Swan	USFS	Annual report submitted to Chief Scientist April 15, 1995 as part of consolidated SEA-94 report; under peer review.	Bishop, M.A. 1995. Avian predation on herring spawn. Copper River Delta Institute, USDA Forest Service, Cordova, AK	95320Q

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320H	Role of Zooplankton in PWS Ecosystem	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Time series of zooplankton biomass tracks predation on 0-class fish in April, May, and June.	95320H
94320I	Food Web Dependencies in PWS Ecosystem/Stable Isotopes	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Food Web of Fishes- Conducted isotopic analysis of approximately 500 samples (i.e, roughly 2,000 isotopic determinations). Marine Mammal Trophic Energetics- Conducted isotopic analysis of vibrissae of 23 seals, roughly 30 samples per whisker.	
94320J	Information Systems and Model Development	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320K	PWSAC-Experimental Fry Release	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.	Adult pink salmon will return in summer 1995 as a result of 1994 fry release. Marine survivals will be estimated based on coded wire tag data. Rearing and release strategies will be compared and differences in marine survival evaluated between rearing and release groups.	
94320L	PWSAC-Experimental Manipulation	ADFG	Annual report peer reviewed November 14, 1995. Not yet at OSPIC.		
94320M	Physical Oceanography in PWS and Gulf of Alaska	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320N	Nearshore Fish	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		
94320P	SEA Program: Program Management	ADFG	Consolidated annual report peer reviewed November 14, 1995; not yet at OSPIC.		All subprojects of 94320.
94320Q	Avian Predation on Herring Swan	USFS	Annual report submitted to Chief Scientist April 15, 1995 as part of consolidated SEA-94 report; under peer review.	Bishop, M.A. 1995. Avian predation on herring spawn. Copper River Delta Institute, USDA Forest Service, Cordova, AK	95320Q

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94320S	Disease Impacts on Herring	ADFG	Annual report submitted to Chief Scientist July 6, 1995; under peer review. [NOTE: Annual report peer reviewed January 1996; not yet at OSPIC.]	*Icthyophonus hoferi,* viral hemorrhagic septicemia virus, and other causes of morbidity in Pacific herring spawning in PWS in 1994. ADF&G. Because of the important of *Icthyphonus* in herring morbidity in 1994, all previous Pacific herring sampled from PWS and submitted to UC Davis (1989, 1990, 1991, 1992) were re-screened for *Icthyophonus*. Prevalence in these samples was never more than 15% and was distributed fairly evenly among liver, kidney, and spleen, but was never in the olfactory nares.	
94417	Waste Oil Disposal Facilities	ADEC	No report required (project carried forward as 95417).		95417

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94422	Environmental Impact Statement for the Draft Restoration Plan	USFS	No report required.	Final EIS released September 30, 1994. Notice of Availability in Federal Register, Vol. 59, No. 186, p. 49232, dated 9/27/94 and Vol. 59, No. 189, p. 49926, dated 9/30/94. Record of Decision (ROD) signed October 31, 1994. Copies of FEIS available through OSPIC.	Continued as 95422.
94423	Oil Spill Public Information Center (OSPIC)	ALL	No report required.	During the quarter ending 12/31/95, OSPIC staff received 417 visitors, responded to 825 requests for information (of which 250 were sent via e-mail from the Web Home Page), processed 44 interlibrary loans, loaned 90 items, distributed 1,430 documents, and acquired 2 books, 6 reports, 3 periodicals, and 1 video, 8 slides, and 1 cd-rom database. 1,136 documents were added to the Trustee Council Administrative Record and 14 Marine Ecosystem posters were sold. OSPIC staff received 19 NRDA/Restoration Project final reports, approved 15, and distributed copies of 19. OSPIC staff received 8 annual reports, approved 7, and distributed copies of 5. On 12/7/95, OSPIC staff installed statistical software to track hits to the Web Home Page; from 12/7 to 12/31, there were 1,603 hits.	

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94424	Restoration Reserve	ALL	No report required.	The Trustee Council has voted to place a total of $36 million into a Restoration Reserve fund within the court registry investment system and to invest the funds in laddered securities. Motion to establish the Restoration Reserve has been signed by Judge Holland. However, the funds have not yet been invested.	
94425	Marine Mammal Book	NOAA	No report required.	See Marine mammals and the *Exxon Valdez*. Loughlin, T.R., editor. 1994. Academic Press, Inc. 395 pages. Book printed and for sale by Academic Press.	
94427	Experimental Harlequin Duck Breeding Survey	ADFG	Annual report submitted to Chief Scientist October 13, 1995; under peer review. [NOTE: Annual report accepted by OSPIC; available to public 1/31/96.]	Rosenberg, D.H. 1995. Experimental harlequin duck breeding survey in Prince William Sound, AK. ADF&G, Anchorage, AK.	B11, R71, 93033, 94066, 95427, and nearshore ecosyste projects.

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Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94428	Subsistence Restoration Planning and Implementation	ADFG	Final report (which also includes results from 95428) submitted to Chief Scientist November 6, 1995; under peer review.	Fall, J.	
94504	Genetic Stock Identification of Kenai River Sockeye	ADFG	Project is close-out/report writing for 93012.	See 93012.	Close-out/report writing for 93012.
94505	Information Needs for Habitat Protection	USFS	Findings included in report prepared under 95505B. See 95505B for status.	See 95505B.	Close-out of 93051. 95505B.
94506	Pigeon Guillemot Recovery	DOI	Project is close-out/report writing for 93034.	See 93034.	Report writing for 93034.

Project No.	Project Title	Lead Agency	Report Status	References and Results	Related Projects
94507	Symposium Proceedings Publication	NOAA	No report required. All 61 manuscripts have been peer reviewed, revised, approved, and sent to the publisher (American Fisheries Society, AFS) for format editing. The editors are completing the preface and introduction.	Proceedings will include 61 manuscripts in the following topic areas: fate and toxicity (8 manuscripts), intertidal (10 manuscripts), treatment effects (5), subtidal (3), herring (2), salmon (12), other fish (5), birds (8), mammals (2), archaeology (1), subsistence (4), human impacts (2). The book will probably be over 1200 pages, 50% longer than first estimated.	Continued as 96507.

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Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95001	Condition and Health of Harbor Seals	ADFG Castellini, UAF	Annual report being drafted.		96001
95007A	Archaeological Site Restoration - Index Site Monitoring	ADNR Reger	Annual report being drafted.		
95007B	Archaeological Site Restoration	USFS Yarborough	Final report being drafted.		Report writing funded under 96007B.
95009D	Survey of Octopus and Chiton in Intertidal Habitats	USFS Scheel, PWSSC	Annual report being drafted.		96009D
95012	Comprehensive Killer Whale Investigation	NOAA Matkin	Annual report being drafted.		96012A
95021	Seasonal Movement and Pelagic Habitat Use by Common Murres from the Barren Islands	DOI (NBS) Hatch	Final report being drafted.		
95025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators	DOI Holland-Bartels	Annual report being drafted.		96025
95025A	Nearshore Package: Project Planning and Development	DOI (NBS) Holland-Bartels	No report required.		96025
95026	Hydrocarbon Monitoring: Integration of Microbial and Chemical Sediment Data	ADEC Braddock	Final report being drafted.		

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Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95027	Kodiak Shoreline Assessment: Monitoring Surface and Subsurface Oil	ADEC Piper	Final report being drafted.		
95029	Population Survey of Bald Eagles in PWS	DOI (FWS) Schempf	Final report being drafted.	Bounai, T., Schempf, P., Hodges, J. 1996. Bald eagle populations in PWS, Alaska after the *Exxon Valdez* oil spill. USFWS/DOI	
95031	Reproductive Success as a Factor Affecting Recovery of Murrelets in PWS	DOI (FWS) Kuletz	Final report being drafted.	Kuletz, K.J., Kendell, S. developing a productivity index for marbled murrelets. USFWS/DOI	Final report funded under 96031.
95038	Symposium on Seabird Restoration	DOI (FWS) Harrison, PSG	Final report, in addition to publication of workshop proceedings, will be submitted. The workshop steering committee will meet to develop a timetable for completion of the report.	Workshop took place September 29-October 2 in Girdwood, AK. Roughly 47 participants from Great Britain, Belgium, France, New Zealand, Japan, Canada, and USA. Primary focus was on common murre, harlequin duck, marbled murrelet, and pigeon guillemot. Achieved workshop goal by discussing seabird restoration in general, then applying the general discussions and conclusions to EVOS.	
95039	Common Murre Productivity Monitoring	DOI (FWS) Roseneau	Project is close-out/report writing for 94039.		94039
95041	Introduced Predator Removal from Islands - Follow-up Surveys	DOI (FWS) Bailey	Final report being drafted. [NOTE: Draft final report submitted to Chief Scientist January 17, 1996; under peer review.]	Byrd, G.V., E.P. Bailey, and W. Stahl. 1996. Introduced predator removal from islands. USFWS/DOI. Homer, AK	

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95043B	Carry-forward: Cutthroat and Dolly Varden Rehabilitation in Western PWS	USFS Wedemeyer	Annual report being drafted.		96043B
95052	Community Interaction/Use of Traditional Knowledge	ADFG Miraglia	Final report being drafted.		96052
95058	Landowner Assistance Program	ADFG Kuwada	No report required.		
95060	Spruce Bark Beetle Impacts	ADEC Loeffler	Final report (literature search) being prepared.		
95064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in PWS	ADFG Frost	Annual report being drafted.		96064
95074	Herring Reproductive Impairment	NOAA Rice/Carls	Final report being drafted. Due date extended to June 15, 1996.		Final report funded under 96074.
95076	Effects of Oiled Incubation Substrate on Survival and Straying of Wild Pink Salmon	NOAA Wertheimer	Annual report being drafted.		96076
95086C	Herring Bay Monitoring and Restoration Studies	ADFG Highsmith, UAF	Data analysis underway for final report.		Final report writing funded under 96086.
95089	Information Management System	ALL Fries	No report required.		
95090	Mussel Bed Restoration and Monitoring in PWS and Gulf of Alaska	NOAA Babcock	Final report being drafted.		Final report funded under 96090.

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Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95093	PWSAC: Restoration of Pink Salmon Resources and Services	ADFG Ferren, PWSAC	Project terminated; no report required.		
95100	Administration, Science Management and Public Information	All	No report required.		
95102-CLO	Closeout: Murrelet Prey and Foraging Habitat in Prince William Sound	DOI (FWS) Kuletz	Project is close-out/report writing for 94102. See 94102 for status.	Kuletz, K.J., et al. 1995. Marbled murrelet foraging patterns in PWS, Alaska.	94102
95106	Subtidal Monitoring: Eelgrass Communities	ADFG Jewett, UAF	Report being drafted. Due date extended to May 30, 1996.		Final report writing funded under 96106.
95110-CLO	Closeout: Habitat Protection and Acquisition	ADNR Fries	No report required.		
95115	Sound Waste Management Plan	ADEC PWSEDC	Final report being drafted.		
95117-BAA	Harbor Seals and EVOS: Blubber and Lipids as Indices of Food Limitation	NOAA Castellini, UAF	Final report being drafted.		
95121	Fatty Acid Signatures of Selected Forage Fish Species in PWS	NOAA Worthy, Texas A&M University	Project not yet authorized for expenditure by Executive Director. Contract awarded May12, 1995. Statement of work sent to Chief Scientist November 8, 1995; under peer review.		
95126	Habitat Protection and Acquisition Support	ADNR Fries	No report required.		

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95126A	Carry-forward: Habitat Protection and Acquisition Support	ADNR Fries	No report required.		
95127	Tatitlek Coho Salmon Release Program	ADFG Kompkoff, Tatitlek IRA	No report required (project was NEPA only).		96127
95131	Clam Restoration (Nanwalek, Port Graham, Tatitlek)	ADFG Brown-Schwalenberg, CRRC	The results of this project will be presented in two reports: (1) Beach sampling report submitted to Chief Scientist December 20, 1995; under peer review. (2) Annual report being drafted.		96131
95137-CLO	Closeout: Prince William Sound Salmon Stock Identification and Monitoring Studies	ADFG Fried	Project is close-out/report writing for 93068 and 94137. See 94137 for status.		93068, 94137
95138	Elders/Youth Conference	ADFG Simeone	Conference report completed and distributed to participants. Report needs to be submitted to OSPIC.		
95139	Wild Stock Supplementation Workshop	ADFG Hauser	No report required. (Summation memo prepared by Chief Scientist is on file in Anchorage Restoration Office.)		
95139A1	Carry-forward: Salmon Instream Habitat and Stock Restoration -- Little Waterfall Creek Barrier Bypass	ADFG Honnold	Annual report being drafted.		96139A1
95139A2	Port Dick Spawning Channel	ADFG Dudiak	No report required (project was NEPA only).		

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95139B	Closeout: Otter Creek/Shrode Creek Instream Restoration	USFS Olson	Project is close-out/report writing for 94139B1 and 94139B2. See 94139B1 and 94139B2 for status.		94139B1, 94139B2
95139C1	Montague Riparian Rehabilitation	USFS Hodges	Annual report being drafted.		96139C1
95139C2	Carry-forward: Salmon Instream Habitat and Stock Restoration -- Lowe River	ADFG	No report required (project canceled).		
95163A	Abundance and Distribution of Forage Fish and their Influence on Recovery of Injured Species (interim funding)	NOAA Duffy (NOAA), Willette (ADFG)	NOAA: No report required. Project is funding for planning of integrated APEX/ ecosystem project. ADFG: Project is funding for close-out/report writing for 94163; see 94163 for status of annual report. A final report will also be prepared by ADFG. Delayed due date of August 15, 1996 requested for final report; this request is under review by the Executive Director.		
95163A1	Abundance and Distribution of Forage Fish and their Influence on Recovery of Injured Species (APEX)	NOAA Haldorson	Annual report being drafted.		96163
95163B	Foraging of Seabirds (APEX)	DOI Ostrand	Annual report being drafted.		96163
95163C	Fish Stomach Contents Analysis (APEX)	NOAA Sturdevant	Annual report being drafted.		96163
95163D	Tufted Puffin Foraging and Reproductive Success (APEX)	DOI Piatt	Annual report being drafted.		See 96163.

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95163E	Reproduction and Foraging of Black-legged Kittiwakes (APEX)	DOI (FWS) Irons	Annual report being drafted.		96163
95163F	Factors Affecting Recovery of PWS Pigeon Guillemot Populations (interim funding)	DOI (FWS) Hayes	Project is close-out/report writing for 94173. See 94173 for status.		94173
95163F1	Reproduction of Pigeon Guillemots Populations in PWS in Relation to Food (APEX)	DOI Hayes	Annual report being drafted.		96163
95163G	Seabird Energetics (APEX)	NOAA Roby	Annual report being drafted.		96163
95163I	Seabird/Forage Fish Interaction: Program Management and Integration	DOI (FWS) Duffy	Annual report being drafted.		96163
95163J	Barren Islands Seabird Studies (APEX)	DOI Roseneau	Annual report being drafted.		96163
95163K	Using Predatory Fish to Sample Forage Fish (APEX)	DOI Roseneau	Annual report being drafted.		96163
95163L	Historic Review of Ecosystem Structure in PWS/Gulf of Alaska and Abundance/ Distribution of Forage Fish in Barren Islands (APEX)	DOI Piatt	Annual report being drafted.		96163
95165	PWS Herring Genetic Stock Identification	ADFG J. Seeb	Annual report being drafted.		96165

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Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95166	Herring Natal Habitats	ADFG Carpenter, Willette	Annual report being drafted.		96166
95191A	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	ADFG J. Seeb, Bue	1/30/96 PI requested that manuscripts serve as annual report; this request is under review by the Chief Scientist.		96191A
95191B	Injury to Salmon Eggs and Pre-emergent Fry Incubated in Oiled Gravel (Laboratory Study)	NOAA Rice	Annual report being drafted.		96191B
95199-CLO	Institute of Marine Science - Seward Improvements EIS	ADFG Sundberg	No report required.		
95244	Seal and Sea Otter Cooperative Subsistence Harvest Assistance	ADFG Fall	Annual report submitted to Chief Scientist November 13, 1995; under peer review. Report also includes findings from 94244.		94244, 96244
95255	Kenai River Sockeye Restoration	ADFG L. Seeb, Tarbox	Annual report being drafted.		96255
95258	Sockeye Salmon Overescapement (Kenai/ Kodiak)	ADFG Schmidt	Annual report being drafted.		96258
95259	Restoration of Coghill Lake Sockeye	ADFG Kyle	Annual report being drafted.		96259
95266	Experimental Shoreline Oil Removal	ADEC Piper	Final report (workshop proceedings) being drafted.		

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95272	Chenega Chinook Release Program	ADFG Lindley, PWSAC	Annual report being drafted.		96272
95279	Subsistence Restoration Project - Food Safety Testing	ADFG Miraglia	Final report being drafted.		
95285-CLO	Closeout: Subtidal Sediment Recovery Monitoring	NOAA	Project is close-out/report writing for 94285. See 94285 for status.		94285
95290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance for Restoration and NRDA Environmental Samples Associated with the *Exxon Valdez* Oil Spill	NOAA Short	No report required.		96290
95320A	Salmon Growth and Mortality	ADFG Willette	Annual report being drafted.		96320
95320B	PWS Pink Salmon Stock Identification and Monitoring (CWT)	ADFG Joyce	Annual report being drafted.		96320
95320C	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in PWS	ADFG Joyce	Annual report being drafted.		96320
95320D	PWS Pink Salmon Genetics	ADFG J. & L. Seeb	1/30/96 PI requested that manuscripts prepared for publication serve as annual report; this request is under review by the Chief Scientist. Manuscripts would also include results from 94320D.		96320
95320E	Juvenile Salmon and Herring Integration	ADFG Willette	Annual report being drafted.		96320

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95320G	Phytoplankton and Nutrients	ADFG McRoy & Eslinger, UAF	Annual report being drafted.		96320
95320H	Role of Zooplankton in the PWS Ecosystem	ADFG Cooney, UAF	Annual report being drafted.		96320
95320I	Isotope Tracers - Food Web Dependencies in PWS (Fish, Marine Mammals, and Birds)	ADFG Schell	Annual report being drafted.		96320
95320I(2)	Isotope Tracers - Food Webs of Fish	ADFG Kline, UAF	Annual report being drafted.		96320
95320J	Information Systems and Model Development	ADFG Patrick, PWSSC	Annual report being drafted.		96320
95320K	PWSAC: Experimental Fry Release	ADFG Ferren & Lindley, PWSAC	Annual report being drafted.		96320
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	ADFG Vaughn, PWSSC	Annual report being drafted.		96320
95320N	Nearshore Fish	ADFG Thomas, PWSSC	Annual report being drafted.		96320

Project No.	Project Title	Lead Agency/ Proposer	ReportStatus	References and Results	RelatedProjects
95320Q	Avian Predation on Herring Spawn	USFS Bishop	Annual report being drafted.		96320Q
95320S	Disease Impacts on PWS Herring Populations (competitive solicitation under State of Alaska two-step, RFQ-RFP process)	ADFG Hauser	Annual report being drafted.		96320
95320T	Juvenile Herring Growth and Habitat Partitioning	ADFG Norcross	Annual report being drafted.		96320
95320U	Somatic and Spawning Energetics of Herring/Pollock	ADFG Paul, UAF	Annual report being drafted.		96320
95320Y	Variation in Local Predation Rates on Hatchery-Released Fry	ADFG Scheel, PWSSC	Annual report being drafted.		96320
95417	Carry-forward: Waste Oil Disposal Facilities	ADEC	No report required (project canceled).		
95422-CLO	Closeout: Restoration Plan EIS/Record of Decision	USFS	No report required.		
95424	Restoration Reserve	All All	No report required.		
95427	Harlequin Duck Recovery Monitoring	ADFG Rosenberg	Annual report being drafted.		96427
95428-CLO	Closeout: Subsistence Planning Project	ADFG Fall	Final report submitted to Chief Scientist November 6, 1995; under peer review. Report also includes findings from 94428.		94428

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Project No.	Project Title	Lead Agency / Proposer	ReportStatus	References and Results	RelatedProjects
95505B	Data Analysis for Stream Habitat	USFS Olson	Final report accepted by OSPIC; available to public. Report also includes findings from 93051 and 94505.	Olson, R.A., 1995. Use of aerial photograph, channel-type interpretations to predict habitat availability in small streams, USDA, Forest Service, Chugach N.F., Anchorage, AK	93051, 94505

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96001	Recovery of Harbor Seals from EVOS: Condition and Health Status	ADFG Castellini/UAF	On file, review complete	CE on file (95001)	On file	Oct - Dec: DONE: Analysis and statistical study of fall blood samples DONE: Analysis of blubber water content Jan - Mar: Modeling of body morphometrics First collection of field samples outside of PWS Apr - June: Second collection of field samples outside of PWS Analysis of all blood samples July - Sept: Modeling of body morphometrics and blubber data, and body condition indices Second collection of field samples inside PWS
96007A	Archaeological Index Site Monitoring	ADNR Reger/ADNR	On file, review complete	CE on file	On file	Oct - Mar: DONE: Complete requirements for final approval of project including NEPA compliance Apr - June: Obtain field supplies, schedule field trips July - Sept: Conduct field visits to sites and preliminary reports of activities
96007B	Site Specific Archaeological Restoration	USFS Yarborough/US FS	On file, review complete	Report writing only	On file	Oct - Dec: DONE: Analysis of field data and specialists reports April 15: Final report due

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96009D	Survey of Octopuses in Intertidal Habitats	USFS Scheel/PWSSC	On file; review complete	CE on file (95009D)	On file	Oct - Dec: Hire personnel, arrange insurance or dive contracts, advertise and award contract vessel charters, initial sit visits to new sites Jan - Mar: DONE: Report results of FY95 to subsistence users in Tatitlek and Chenega Bay Begin field work including tag-recapture and SCUBA sampling monthly Apr - June: Continue tag-and-recapture and SCUBA sampling monthly Conduct habitat sampling at multiple sites at the end of June July - Sept: Final recapture of tagged octopus; last SCUBA survey
96012A-BAA	Comprehensive Killer Whale Investigation in Prince William Sound, Alaska	NOAA Matkin/N Gulf Oceanic	On file; review complete	CE on file (95012)	On file	NO ACTIVITY SCHEDULED THIS QUARTER Jan-Mar: Enter and tabulate available data Apr-June: Grid data, calculate sightings Examine dietary overlap July-Sept: Field work (monitoring) Analyze distribution of foraging behavior Estimate total predation on harbor seals Complete population separation using genetic techniques Finalize GIS/predation work
96025	Mechanism of Impact and Potential Recovery of Nearshore Vertebrate Predators	DOI Holland-Bartels et al	On file; review complete	CE on file;EA on file for harlequins	On file	NO UPDATE PROVIDED

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96027	Kodiak Archipelago Shoreline Assessment: Monitoring Surface and Subsurface Oil	ADEC Piper/ADEC	On file; review complete	CE on file (95027)	On file	Oct - Dec: UNDERWAY: Draft report Jan - Mar: Report to general public; community meetings. April 15: Final report due.
96031	Development of a Productivity Index to Monitor the Reproductive Success of Marbled and Kittlitz's Murrelets in Prince William Sound, Alaska	DOI Kuletz/DOI	On file; review complete	Report writing only	On file	NO ACTIVITIES SCHEDULED THIS QUARTER April 15 Submit draft report
96038	Publication of Seabird Restoration Workshop	DOI Pac Seabird Group	On file; review complete	Report writing only	On file	Oct - Dec: DONE: Drafts of workshop discussions submitted Jan - Mar: Preparation of review articles based on recommendations of workshop attendees White papers and workshop discussion papers revised by authors based on information and opinions from reviews April 15: Final report due July - Sept: Final drafts submitted to editors for publication in articles in a journal or chapters in a book
96043B	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	USFS Gillikin/USFS	On file; review complete	EA/FONSI on file (95043B)	On file	Oct - Dec: UNDERWAY: Report on preliminary finds of population and distribution estimations. NOTE: Preliminary results indicate population estimates may not be determined with present data. July - Sept: Inspect and measure effects of installed structures Conduct population estimates

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96048-BAA	Historical Analysis of Sockeye Salmon Growth Among Populations Affected by Overescapement in 1989	NOAA NRC, Inc.	On file; review complete	CE on file	On file	NO ACTIVITY; PROJECT NOT YET CONTRACTED Oct - Dec: Collect and press scales Jan - Mar: Age scales and select scales for measurement Measure scales July - Sept: Analyze data Prepare report
96052	Community Involvement & Use of Traditional Knowledge	ADFG/Miraglia ChugachRRC	On file; review complete	CE on file	On file	Oct-Dec: DONE: ADFG and CRRC enter into contract for coordination of facilitator network DONE: MOU drafted between ADFG and CRRC DONE: Spill Area Wide Coordinator hired Guidelines/protocols developed for TEK Identification of injured species for TEK Jan-Mar: DONE: Facilitator network in place and operating. Begin work on TEK database DONE: Training workshop for local community facilitators Apr-June: Training workshop for local community facilitators

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	ADFG Frost/ADFG	On file; review complete	CE on file (95064)	On file	Oct - Dec: DONE: Retrieve ARGOS data DONE: Analysis of fatty acid samples and aerial survey data DONE: Analysis of genetic samples Meet with hunters about study results, distribute newsletter Meet with SWFSC regarding genetics analyses Jan - Mar: Order SLTDRs for field season Coordination meeting with other ADFG harbor seal projects Arrange logistics (boats, airplanes, equipment, contracts, supplies) Reserve ARGOS satellite channels Apr - June: Field work to catch seals and collect sample July - Sept: Analysis of fatty acid samples Conduct aerial surveys during molting Attach 12 SLTDRs, sampling
96074	Herring Reproductive Impairment	NOAA Rice & Carls/NOAA	On file; review complete	CE on file (95074)	On file	Oct-Dec: DONE: Analyze field data Apr-June: Complete data analysis
96076	Effects of Oiled Incubation Substrate on Straying and Survival of Wild Pink Salmon	NOAA Wertheimer/NOAA	On file; review complete	CE on file (95076)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER. Apr-June: Oil exposure of 1995 brood embryos Marking of 1995 brood fry July-Sept: Spawning of 1997 brood adults
96086	Herring Bay Monitoring and Restoration Studies	ADFG Highsmith/UAF	On file; review complete	Report writing only	On file	Oct - Mar: UNDERWAY: Lab analysis, data analysis April 15: Final report due

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96090	Mussel Bed Restoration and Monitoring	NOAA Babcock/NOAA	On file; review complete	Report writing only	On file	Oct - Mar: ONGOING: Chemical analyses conducted April 15: Final report due NO UPDATE PROVIDED
96101	Removal of Introduced Foxes From Islands	DOI Ebbert/DOI	On file; review complete	Report writing only	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan - Mar: Submit draft report to Chief Scientist for review Apr 15: Submit final report
96106	Subtidal Monitoring: Eelgrass Communities	ADFG Jewett/UAF	On file; review complete	Report writing only	On file	Oct - Mar: UNDERWAY: Process benthic, sediment, and hydrocarbon samples Data entry and analyses April 15: (NEW DATE OF 6/1/96 AGREED TO) Final report due
96115	Sound Waste Management Plan	ADEC PWS Econ DC	On file; review complete	Report writing only	On file	Oct-Dec: UNDERWAY: Draft report Jan: PWSEDC report to the Prince William Sound communities recommending solutions for solid waste and marine pollution.
96127	Tatitlek Coho Salmon Release	ADFG Tatitlek IRA	On file; review complete	EA/FONSI on file (95127)	On file	Oct - Dec: DONE: Prepare contract with Tatitlek IRA through PWS Economic Development Council Apr - June: Transport smolt to Boulder Bay and place in net p Release smolt into Boulder Bay July - Sept: Egg take

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96131	Chugach Native Region Clam Restoration	ADFG ChugachRRC	On file; review complete	CE on file	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan-Mar: Obtain permits and construct and install tidal FLUPSY at Tatitlek Obtain permits and initiate predator control studies on razor clam beaches near Eyak Obtain permits and initiate beach seeding experiments in Tatitlek and Port Graham/Nanwalek Apr-June: Collect broodstock Obtain clearance and transport to hatchery Transfer 5mm seed to hatchery nursery and FLUPSY July-Sept: Conduct baseline shellfish surveys of tidelands near Ouzinkie and Chenega Bay
96139A1	Salmon Instream Habitat and Stock Restoration - Little Waterfall Barrier Bypass Improvement	ADFG Honnold/ADFG	On file; review complete	CE on file (94139A1)	On file	Oct - Dec: DONE: Project construction and oversight Jan - Mar: Egg-to-fry survival sampling Apr - June: Juvenile coho abundance sampling July - Sept: Spawner abundance and distribution surveys
96139A2	Spawning Channel Construction Project Port Dick Creek, Lower Cook Inlet	ADFG Dudiak/ADFG	On file; review complete	EA/FONSI on file	On file	Oct - Mar: Continue groundwater fluctuation measurements Complete environmental assessment Develop engineers drawings Complete permit requirements Apr - June: Receive and award bid package Complete the construction of the channel July - Sept: Conduct stream side egg takes NO UPDATE PROVIDED

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96139C1	Montague Riparian Rehabilitation Monitoring Program	USFS Hodges/USFS	On file; reviewcomplete	CE on file (12/4/92)	On file	Monitor structures at low flow Map stream channels at structures and areas downstream Assess use of fish habitat and vegetation NO UPDATE PROVIDED
96142-BAA	Status and Ecology of Kittlitz's Murrelet in Prince William Sound	NOAA ABR, Inc.	On file; review complete	CE on file	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan - Mar: Arrange logistics Apr - June: Conduct early summer cruise July - Sept: Conduct late summer cruise Analyze stomach contents Keypunch data and QA/QC Digitize data, measure geographic data, QA/QC
96144	Common Murre Population Monitoring	DOI Roseneau/DOI	On file	CE on file		Authorization to spend not yet provided by Executive Director; pending submittal and review of revised DPD and budget.
96145	Cutthroat Trout and Dolly Varden: the Relation Among and Within Populations of Anadromous and Resident Forms	USFS Reeves/PacNW Research Lab	On file; review complete	CE on file	On file	Oct - Dec: Develop cooperative agreement with OSU UNDERWAY: Secure appropriate collecting permits obtain samples of Dolly Varden and cutthroat trout for analysis Hire technician for genetic analysis Hire field technician Jan - Mar: Complete genetic screening Select field sites Secure contract vessel Assemble required field gear and ship to Cordova Apr - Jan: Contract with people (2) or field work Begin analysis July - Sept: Collect samples of Dolly Varden at field sites Initial analysis of genetic data on cutthroat trout

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96149	Archaeological Site Stewardship	ADNR Reger/ADNR	On file; review complete	CE on file	On file	Oct - Dec: DONE: NEPA compliance UNDERWAY: Preliminary site and steward selection Jan - June: Training documentation provided to stewards, site selection finalized, sites visited and site documentation finalized July - Sept: Monitoring reports from stewards to coordinators due for compilation
96154	Comprehensive Community Plan for Restoration of Archaeological Resources in PWS and Lower Cook Inlet	USFS Chugach Heritage Foundation	On file; review complete	CE on file	On file	Oct - Dec: UNDERWAY: Organize working group, assess facility needs, evaluate alternatives, assess training needs Jan - Mar: Assess field reports Community review conference Submit draft plan to Executive Director 3/14/96 Apr - June: Public meetings July - Sept: Submit revised plan to Executive Director 7/15/96 Present plan to Trustee Council 8/15/96 Submit final plan and project reports 9/30/96
96159	Surveys to Monitor Marine Bird Abundance In Prince William Sound During Winter and Summer 1996	DOI Agler/DOI	On file; review complete	CE on file	On file	Oct-Dec: Arrange logistics Jan-Mar: Hire and train personnel Conduct winter survey in PWS Apr-June: Enter data Arrange logistics for summersurvey Jul-Sept: Conduct summer survey in PWS Analyze data NO UPDATE PROVIDED

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96161	Differentiation and Interchange of Harlequin Duck Populations Within N. Pacific Region	DOI Goatcher/DOI	Revised DPD under peer review	CE on file		Authorization to spend not yet provided by Executive Director; pending review of revised DPD.
96162	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound, AK	ADFG UW/Kocan UCS/Marty SFU/Kennedy	On file; review complete	CE on file (95320S)	On file	Oct - Dec: DONE: Culture herring larvae and determine their SPF status Collect data on growth, survival, disease susceptibility Improve husbandry techniques Begin viral and fungal exposures Jan - June: Continue or begin infectivity studies with VHSV and *I. hoeri* Begin new year of SPF fish from eggs for future studies. Re-isolate organisms and verify that monoxenic infections were produced UNDERWAY: Begin blood chemistry on infected fish and physiological studies July - Sept: Collect 0-age herring for stress exposures technique development Analyze data Begin immune suppression studies on experimental
96163A	Abundance and Distribution of Forage Fish and their Influence on Recovery of Injured Species	NOAA Haldorson/NOAA	NEED	CE on file	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163B	Foraging of Seabirds	DOI Ostrand/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163C	Fish Diet Overlap Using Fish Stomach Content Analysis	NOAA Sturdevant/NOAA	NEED	CE on file	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163D	Distribution of Forage Fish as Indicated by Puffin Diet Sampling	DOI Piatt/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163E	Black-legged Kittiwakes as Indicators of Forage Fish Availability	DOI Irons/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96163F	Factors Affecting Recovery of Pigeon Guillemot Populations	DOI Hayes/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163G	Diet Composition, Reproductive Energetics, and Productivity of Seabirds	NOAA Roby/UAF	NEED	CE on file	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163I	APEX Planning and Project Leader	DOI Duffy	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163J	Barren Islands Seabird Studies	DOI Roseneau/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163K	Using Predatory Fish to Sample Forage Fish	DOI Roseneau/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163L	Historical Review of Ecosystem Structure in the PWS/GOA Complex	DOI Piatt/DOI	NEED	NEED	On file (interim only)	DPD and budget not yet submitted for peer review and approval.
96163M	Lower Cook Inlet Study	DOI	NEED	NEED		DPD and budget not yet submitted for peer review and approval.
96163N	Black-legged Kittiwake Feeding Experiment	DOI DOI	NEED	NEED		DPD and budget not yet submitted for peer review and approval.
96163O	Statistical Review	DOI	NEED	NEED		DPD and budget not yet submitted for peer review and approval.
96163P	Sand Lance Hydrocarbon Exposure	NOAA	NEED	CE on file		DPD and budget not yet submitted for peer review and approval.
96165	Genetic Discrimination of Prince William Sound Herring Populations	ADFG J. Seeb/ADFG	On file; review complete	CE on file (95165)	On file	Oct - Dec: UNDERWAY: Complete laboratory analysis Jan - Mar: Evaluate lab results Apr - June: Collect samples Begin laboratory analysis July - Sept: Laboratory samples

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96166	Herring Natal Habitats	ADFG Willette & Carpenter/ADFG	On file; review complete	CE on file (95166)	On file	Jan - Mar: DONE: Biomass estimates Apr - June: Conduct acoustic survey Collect AWL, fecundity, disease, genetic stock ID, and bioenergetics samples Initiate dive surveys Assist reproductive impairment sample collection Lab processing of diver samples July - Sept: Finalize estimate of spawning
96170	Isotope Ratio Studies of Marine Mammals in Prince William Sound	ADFG Schell/UAF	On file; review complete	CE on file (95320I2)	On file	Oct - Mar: UNDERWAY: Analyze isotope ratio samples collected in 1994 - 1995 UNDERWAY: Captive animal experiments Apr - Sept: Field work and sampling, captive animal experiments Analysis of samples
96180	Kenai Habitat Restoration & Recreation Enhancement Project	ADNR Fries/ADNR	On file; review complete	Not needed till sites selected	On file (just site select)	Oct - Mar: DONE: Review existing data on Kenai River Develop implementation strategy UNDERWAY: Develop site evaluation, ranking and prioritization system Conduct preconstruction site surveys Develop design plans Apply for permits Conduct public scoping meetings and prepare environmental compliance documents Organize volunteer support Apr - June: Secure construction permits Conduct construction work on first priority sites July - Sept: Monitor revegetation sites Monitor public use of completed project and proposed sites for next year

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96186	Coded Wire Tag Recoveries From Pink Salmon in Prince William Sound	ADFG Joyce/ADFG	On file; review complete	CE on file (95320B)	On file	Oct - Dec: Order supplies; create and test computer programs Apr - June: Hire personnel Apply tags to pink salmon fry at hatcheries July - Sept: Scan catches; recover tagged fish Decode tags Provide inseason catch composition estimates NO UPDATE PROVIDED
96188	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in Prince William Sound	ADFG Joyce/ADFG	On file; review complete	CE on file (95320C)	On file	Oct - Dec: DONE: Apply thermal marks to embryos at four pink salmon hatcheries Jan - Mar: UNDERWAY: Collect samples from incubators Apr - June: Process and evaluate otoliths July - Sept: Analyze data
96190	Construction of a Linkage Map for the Pink Salmon Genome	ADFG Allendorf/UM	On file; review complete	CE on file	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan-Mar: Initial screen of odd- and even-year fish for DNA polymorphisms July-Sept: Screen DNA polymorphisms to test for Mendelian inheritance and joint segregation Obtain gametes and create families for inheritance studies with even-year fish

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96191A	Oil-Related Embryo Mortalities in PWS Pink Salmon Populations	ADFG J. Seeb/ADFG	On file; review complete	CE on file (95191A)	On file	Oct - Dec: Embryo deposition sampling DONE: Initiate haploid androgenesis and novel mutation screen contracts Obtain gametes, spawn second generation Send milt to University of Washington on contract to produce androgenetic haploids Begin fertilized egg incubation Analysis of embryos at ADFG genetics laboratory Jan - Mar: Analyze data for brood year 1995 July - Sept: Prepare for brood year 1996 AFK incubation experiment Collect gametes and make crosses from 16 PWS streams; begin incubation of brood year 1996 gametes at AFK
96191B	Injury to Salmon Eggs and Pre-emergent Fry Incubated in Oiled Gravel (Laboratory Study)	NOAA Rice/NOAA	On file; review complete	CE on file (95191B)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Apr-June: Final evaluation of progeny
96195	Pristane Monitoring in Mussels and Predators of Juvenile Pink Salmon & Herring	NOAA Short/NOAA	On file; review complete	CE on file	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan - Mar: Prepare logistics for FY96 field season July - Sept: Collect mussel and predator tissue samples Analyze collected samples for pristane
96196	Genetic Structure of Prince William Sound Pink Salmon	ADFG J. & L. Seeb/ADFG	On file; review complete	CE on file (95320D)	On file	Jan - Sept: UNDERWAY: In-house allozyme analysis of arc samples collected prior to 1995 UNDERWAY: mtDNA analysis July - Sept: Field collections of 1996 samples

Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96210	Prince William Sound Youth Area Watch	ADFG Chugach RRC	On file; review complete	CE on file	On file	Oct - Dec: DONE: Students selected to participate DONE: Students receive training DONE: Students select onshore research and testing sites Students select offshore sites Students set up database Ongoing: Students check onshore testing sites twice weekly Students check offshore area testing sites twice monthly Students provide data to PWSSC weekly
96214	Documentary on Subsistence Harbor Seal Hunting in PWS	ADFG Tatitlek Village	On file; review complete	CE on file	On file	Oct - Dec: DONE: Award contract Jan - Mar: Develop story line and story board for video Apr - June: Shoot necessary footage, conduct interviews July - Sept: Edit film Contractor will deliver 40 copies of videos
96220	Eastern PWS Wildstock Salmon Habitat Restoration	USFS/Schmid Eyak Native Village	On file; review complete	Project is EA prep. only	On file	Oct - Mar: Review of existing information UNDERWAY: Recruit fish habitat survey crew leader Apr - June: Identify study streams Recruit student interns Arrange logistics July - Sept: Conduct fisheries habitat surveys Analysis of field data

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96222	Chenega Bay Salmon Restoration -- Anderson Creek	USFS/Murphy Chenega IRA	On file; review complete	Project is EA prep only	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Apr - June: Interview Chenega Bay residents about Anderson Creek July - Sept: Complete habitat surveys Complete project EA and preliminary fish pass design
96225	Port Graham Pink Salmon Subsistence Project	ADFG Port Graham	On file; review complete	CE on file	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Apr - June: 250,000 pink salmon fry placed in net pens and reared to an average weight of 8 grams July - Sept: Monitor pink salmon escapement into Port Graham Capture hatchery broodstock Egg take
96244	Community-Based Harbor Seal Management and Biological Sampling	ADFG Reidel/ANHSC Fall/ADFG	On file; review complete	CE on file	On file	Oct-Dec: DONE: Develop contracts with the Alaska Native Harbor Seal Commission and the University of Alaska, hire technicians DONE: Hold regional training sessions for biological sampling DONE: Begin biological sample collection Hold first workshop (ANHSC) Jan-Mar: Distribute first proceedings report Apr-June: Hold second workshop (ANHSC) Demonstrate traditional knowledge database (ADFG) Produce/distribute second proceedings report (ANHSC) Ongoing: Conduct interviews with hunters to collect traditional knowledge (ADFG)

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96255	Kenai River Sockeye Salmon Restoration	ADFG L. Seeb & Tarbox/ADFG	On file; review complete	CE on file (95255)	On file (interim only)	Project not yet authorized by Executive Director to proceed; pending receipt of revised DPD and budget.
96256	Columbia and Solf Lakes Sockeye Salmon Stocking	USFS Murphy	On file; review complete	Project is EA prep. only	On file	Oct - Dec: Review by Regional Planning Team July - Sept: Analyze stream flows and update baseline limnological data NO UPDATE PROVIDED
96258A	Sockeye Salmon Overescapement Project	ADFG Schmidt & Tarbox/ADFG	On file; review complete	CE on file (95258A)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER
96259	Restoration of Coghill Lake Sockeye Salmon	ADFG Kyle/ADFG	On file; review complete	EA/FONSI on file (94259)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER
96272	Chenega Chinook Release Program	ADFG PWSAC	On file; review complete	EA/FONSI on file (94272)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Apr - June: Install netpen at Crab Bay Feed and imprint smolts July - Sept: Take chinook eggs for incubation
96290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance	NOAA Short/NOAA	On file; review complete	CE on file (95290)	On file	NO ACTIVITIES SCHEDULED THIS QUARTER Jan - Sept: Solicit information from potential new user groups and begin development of interface for such groups
96320E	Salmon and Herring Predation	ADFG Willette		CE on file	On file	Oct-Dec: DONE: Field sampling DONE: Sample processing and data entry Apr-June: Field sampling in May Field sampling in June July-Sept: Field sampling in July

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96320G	Phytoplankton and Nutrients	ADFG McRoy/UAF		CE on file	On file	Planning for field season
96320H	Zooplankton in the PWS Ecosystem	ADFG Cooney/UAF		CE on file	On file	Planning for field season
96320I	Isotope Tracers - Food Webs of Fish	NOAA PWSSC	On file	CE on file	On file	CONTRACT NOT YET AWARDED
96320J	Information Systems and Model Development	NOAA PWSSC		CE on file	On file	CONTRACT NOT YET AWARDED
96320K	PWSAC: Experimental Fry Release	ADFG PWSAC		EA/FONSI on file (95320K)	On file	Eggs taken and incubating
96320M	Physical Oceanography in PWS	NOAA Salmon, PWSSC	On file	CE on file	On file	CONTRACT NOT YET AWARDED
96320N	Nekton/Plankton Acoustics	NOAA PWSSC	On file	CE on file	On file	CONTRACT NOT YET AWARDED
96320Q	Avian Predation on Herring Spawn	USFS Bishop/USFS		CE on file (95320Q)	On file	Oct-Dec: UNDERWAY: Data analysis April 15: Submit final report
96320R	SEA Trophodynamic Modeling and Validation Through Remote Sensing	ADFG Eslinger/UAF		CE on file	On file	Planning for field season
96320T	Juvenile Herring Growth and Habitat Partitioning	ADFG Norcross/ UAF		CE on file	On file	Developed conceptual herring recruitment model identifying research goals and objectives for next t years Began analysis of broadscale horizontal distribution data Compiling companion datasets for habitat analysis Preparing for March cruise

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Project #	Project Title	Lead Agency/ P.I.	DPD Status	NEPA Status	Exec Dir Authorization	Project Tasks Completed this Quarter
96320U	Energetics of Herring and Pollock	ADFG Paul/UAF		CE on file	On file	Oct-Dec: UNDERWAY: Process bioenergetic samples collected fall 1995 Apr-June: Complete sample analysis of 1995 samples
96320Y	Variation in Local Predation Rates on Hatchery-Released Fry	ADFG PWSSC		CE on file	On file	NO UPDATE PROVIDED
96320Z1	Synthesis and Integration	ADFG Cooney/UAF		CE on file	On file	Developed model-based structures
96427	Harlequin Duck Recovery Monitoring	ADFG Rosenberg/ADFG	On file; review complete	CE on file	On file	Oct-Dec: DONE: Apply for USFS permits Jan - Mar: Initiate hiring process for seasonal technicians Apr - June: Hire technicians, arrange field logistics for field camps, boats, motors, survey equipment Begin surveys July - Sept: End Surveys Oct - Dec: Analyze field data and begin report preparation
96507	EVOS Symposium Publication	NOAA Wright/NOAA	On file; review complete	Report writing only	On file	Oct - Dec: DONE: Manuscripts to project editor Jan - Mar: Manuscripts to typesetter Proof to authors Corrected proof to typesetter Apr - June: Text to printer Proceedings published

11.7.4 A

RESOLUTION OF THE *EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL

We, the undersigned, duly authorized members of the Exxon Valdez Oil Spill Trustee Council, after extensive review and after consideration of the views of the public, find as follows:

1. The Eyak Corporation ("Eyak"), owns the surface estate of, or has valid prioritized selections on, lands in the Chugach National Forest ("Forest"), which include parcels known as Power Creek, Eyak River, and Eyak Lake (together "the Core Lands"), consisting of approximately 11,200 acres, and generally depicted on Exhibit A. The reduction in acreage from prior descriptions of the Core Lands contained in previous analysis and resolutions of the Trustee Council, which consisted of approximately 13,700 acres, is due in part to the removal by Eyak of three parcels of land for future development. Sherstone, Inc. ("Sherstone") is a wholly-owned subsidiary of Eyak that holds timber rights on the Core Lands. These lands were selected and conveyed pursuant to the Alaska Native Claims Settlement Act. The subsurface rights associated with these lands are held by Chugach Alaska Corporation.

2. These lands are within the oil spill area as defined by the Trustee Council in the Final Restoration Plan.

3. Eyak and Sherstone have recently indicated an intent to develop the Core Lands through logging operations commencing on March 15, 1996. Eyak and Sherstone have also indicated a desire to sell the Core Lands in fee simple to the United States as part of the Trustee Council's program for restoration of the natural resources and services that were injured by the *Exxon Valdez* Oil

Spill ("EVOS").

4. The Core Lands include important habitat for various species of fish and wildlife for which significant injury resulting from the spill has been documented. The Trustee Council's habitat acquisition analysis indicates the Core Lands have high value to benefit such injured natural resources as sockeye salmon, cutthroat trout, Dolly Varden, and river otters, as well as a high restoration value for recreational use. Eyak Lake and Power Creek provide major spawning and rearing habitat for sockeye salmon, cutthroat trout and Dolly Varden. Annual sockeye escapement into Eyak Lake is estimated at 15,000 to 25,000 fish; most spawning occurs along the lakeshore. Eyak River is a major migration corridor for anadromous fish and supports major commercial, recreational, and subsistence fisheries. River otters use the Core Lands for feeding and denning. Acquisition of the Core Lands will benefit fish and waterfowl and the services they support primarily by protecting the watershed from activities such as logging that may adversely affect water quality and quantity in Power Creek and Eyak Lake. Because Eyak Lake is shallow, it is particularly sensitive to possible eutrophication resulting from lake shore development. Protection of the land surrounding the lake will limit the risk of this occurrence. The Core Lands also have high scenic value because they are visible from the Copper River Highway; acquisition will preserve this scenic quality. The area is accessible by road and trail and receives high use by residents of Cordova for fishing, hunting, and plant gathering. Because of

its proximity to Cordova and road access, there is a significant likelihood that development could occur on these lands. Although the size of the Core Lands has been reduced somewhat because Eyak has chosen to retain some areas, the Trustee Council finds that the remaining acreage retains significant attributes that will promote the restoration of injured resources.

5. Existing laws and regulations, including but not limited to the Alaska Anadromous Fish Protection Act, the Clean Water Act, the Alaska Coastal Management Act, the Bald Eagle Protection Act, and the Marine Mammal Protection Act, are intended, under normal circumstances, to protect resources from serious adverse effects from activities on the Lands. However, restoration, replacement, and enhancement of natural resources, and acquisition of equivalent resources and services injured, lost or reduced as a result of the EVOS present a unique situation. Without passing judgment on the adequacy or inadequacy of existing law and regulations to protect resources, biologists, other scientists, and other resource specialists agree that, in their best professional judgment, protection of habitat in the spill area to levels above and beyond that provided by existing laws and regulations will likely have a beneficial effect on recovery of injured resources and lost or reduced services provided by these resources.

6. There is widespread public support for the acquisition of the Core Lands.

7. The purchase of the Core Lands is an appropriate means to restore a portion of the injured resources and reduced services in

the oil spill area. Acquisition of these lands is consistent with the Final Restoration Plan.

8. It is ordinarily the Federal Government's practice to purchase property based on a value determined through a fair market value appraisal for the land interests it acquires. Although a fair market value appraisal has not been completed, the United States has performed a draft appraisal for the underlying land value and a preliminary estimate of value of the timber located on a portion of the Core Lands. The initial estimates of the appraised fair market value of the Core Lands is approximately $2.9 to $3.9 million.

9. A fair market value appraisal does not consider the benefits of the acquisition to the restoration of the injured natural resources. The habitat analyses prepared for the Trustee Council demonstrate that there is a need to acquire these lands promptly to promote the recovery of the injured natural resources by preventing any potential degradation of the habitat resulting from development. Furthermore, the United States has no authority to acquire these lands from the seller except on the basis of a mutually negotiated purchase price. Based on negotiations with Eyak and Sherstone, the initial estimate of fair market value is not an acceptable purchase price. Accordingly, we find that it is appropriate to pay potentially more than the initial estimate of fair market value for the Core Lands in order to obtain the resulting benefits for the restoration program.

THEREFORE, we supersede our resolution of December 2, 1994,

related to Eyak and Sherstone land interests and resolve to authorize funding for an offer to purchase the Core Lands in fee simple and to provide the funds, if the offer is accepted, in the amount set forth below for the United States, acting through the Forest Service, to enter into appropriate agreements in conformity with applicable Federal and State law to purchase and acquire the interests. Such agreements shall contain and are subject to the following conditions and terms:

(a) fee simple acquisition of the land identified in Exhibit A. The offered purchase price for the interests in the Core Lands shall be $7 million. This offer represents the lump-sum payment price. Because of the installment payment schedule provided for in the Exxon settlement agreement and the resulting limited availability of funds, an offer that reflects a value that provides Eyak and Sherstone a benefit for selling their interests in these lands over the course of several years will be considered by the Trustee Council if Eyak and Sherstone prefer such method of payment. The amount of this benefit will depend on the payment schedule agreed to by the parties. If an interim approved appraisal determines the fair market value of the Core Lands is more than $7 million, the Trustee Council will consider a new offer for the Core Lands. For purposes of this resolution, the interim approved fair market value appraisal shall be considered the final approved appraisal. This offer is a reasonable price given the significant natural resource and service values protected and the scope and pervasiveness of the EVOS environmental disaster and the

need for protection of ecosystems. This offer is valid until March 15, 1996, or the date on which timber harvesting operations begin on the Core Lands, whichever is later.

(b) receipt by the United States District Court for the District of Alaska ("District Court") of the settlement payments due from Exxon Corporation, et al;

(c) disbursement of these funds by the District Court;

(d) completion of a satisfactory title search;

(e) no pre-closing development on the Core Lands;

(f) approval by the shareholders of Eyak and Sherstone for the sale of the interests in the Core Lands;

(g) Congressional review to the extent required with respect to acquisitions by the Forest Service pursuant to House Report No. 102-116;

(h) completion of a satisfactory hazardous substances survey;

(i) satisfactory compliance with the National Environmental Policy Act and other applicable state and federal law.

(j) Eyak and Sherstone agree to negotiate in good faith with the Forest Service and the State of Alaska regarding the acquisition of other land interests that have high value for purposes of restoration.

By unanimous consent, and upon execution of the purchase agreements and written notice from the Forest Service and the State of Alaska to the Executive Director of the *Exxon Valdez* Oil Spill Trustee Council that the terms and conditions set forth herein and in the purchase agreements have been satisfied, we request the Alaska

Department of Law and the Assistant Attorney General of the Environment and Natural Resources Division of the U.S. Department of Justice to petition the District Court for withdrawal of the appropriate sum to be paid at closing from the District Court Registry account established as a result of the Governments' settlement. The appropriate sum is $7 million if a lump-sum purchase is made. The sum of the installment payments is authorized for withdrawal if an installment payment schedule is agreed to by the parties. The lump-sum payment or the sum of the installment payments are the only amounts due under this resolution to Eyak and Sherstone by the United States or the State of Alaska from the joint funds in the District Court Registry, and no additional amounts are herein authorized to be paid to Eyak and Sherstone from such joint funds.

Dated this ____ day of February, 1996, at Juneau, Alaska.

PHIL JANIK
Regional Forester
Alaska Region
USDA Forest Service

BRUCE M. BOTELHO
Attorney General
State of Alaska

GEORGE T. FRAMPTON, JR.
Assistant Secretary for
Fish & Wildlife and Parks
U.S. Department of the Interior

STEVEN PENNOYER
Director, Alaska Region
National Marine Fisheries
NOAA

FRANK RUE
Commissioner
Alaska Department of
Fish and Game

MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation