

Alaska Sustainable Salmon Fund
Funded Projects FFY 2000-2010
Current to March, 2012

Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45002	Transboundary River Tulsequah	2000	The project will document the specific locations and habitat characteristics of spawning or high-value rearing habitat for anadromous fish species in the Tulsequah River. The project will use the minimum acceptable sampling over several seasons that is required to reliably describe the anadromous habitat values of the Tulsequah River, especially in the area currently identified by Canada as potentially being affected by discharge from the Tulsequah mine proposed. The results will be provided to Canada, British Columbia, Taku Tlingit First Nation, Douglas Indian Association, the Governor's Office, the Alaska Department of Environmental Conservation, and other interested stakeholders.	ADF&G, Habitat and Restoration Division	P&A	9/1/00	1/2/02	\$95,386	Southeast
45003	Tulsequah Chief Review	2000	Participate in proposed British Columbia mine project review.	ADF&G, Sport Fish Division	P&A	6/1/01	12/1/03	\$24,633	Southeast
45004	Transboundary Watershed	2000	Develop a detailed base-map of Southeast AK/Canadian transboundary rivers.	ADF&G, Sport Fish Division	P&A	5/1/01	7/31/05	\$371,878	Southeast
45005	CRITFC: Stock Assessment and Research Plan	2000	Catalog essential biological and environmental data pertinent to Mid-Columbia Chinook.	Columbia River Inter-Tribal Fish Commission (CRITFC)	P&A	8/1/01	10/1/02	\$51,500	Middle Columbia River
45006	Invasive Species - Part 1	2000	Develop and implement an Aquatic Nuisance Species Plan.	ADF&G, Sport Fish Division	P&A	10/1/01	6/30/04	\$70,346	Statewide
45007	Instream Flow and Other Salmon Habitat Needs	2000	Facilitate interdepartmental coordination to meet habitat needs of salmon stocks.	Alaska Office of the Governor	O&E	11/1/01	1/1/03	\$216,300	Southeast
45008	Increased Remote Release of Chum Salmon - Neets and Anita Bays	2000	Increase chum salmon production for Southeast AK fisheries.	Southern Southeast Regional Aquaculture Association (SSRAA)	EN	10/1/01	12/1/03	\$2,796,450	Southeast
45009	Salmon Fresh Express	2000	Examine the feasibility of utilizing the AK Marine Highway system to transport salmon products.	ADF&G, Office of the Commissioner	EN	11/1/01	1/2/02	\$12,360	Southeast
45010	Crystal Lake - Year 1	2000	Increase Chinook salmon production for Southeast AK fisheries.	ADF&G, Sport Fish Division	EN	7/1/00	6/2/02	\$192,700	Southeast
45011	Stakeholder	2000	Provide public participation in selecting projects to benefit salmon stocks and fisheries.	ADF&G, Office of the Commissioner	O&E	11/1/00	7/31/05	\$421,991	Southeast
45012	Chinook Model	2000	Improve the accuracy of the Pacific Salmon Commission Coastwide Chinook Model annual estimates.	ADF&G, Office of the Commissioner	RM&E	11/1/00	7/31/05	\$516,942	Southeast

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45013	Prelim Habitat Assessment	2000	Assess Southeast AK salmon habitat from upland areas to estuaries.	ADF&G, Habitat and Restoration Division	P&A	10/1/00	12/1/02	\$201,676	Southeast
45014	Alsek River Chinook Escapement	2000	Estimate escapement of Chinook salmon on the Alsek River using a mark-recapture experiment.	ADF&G, Sport Fish Division	RM&E	7/1/01	6/30/04	\$164,073	Southeast
45015	Annual Habitat Condition	2000	Develop a database to be used to analyze the condition of salmon habitat and future risks to that habitat.	ADF&G, Sport Fish Division	P&A	4/1/01	7/31/06	\$942,141	Southeast
45016	Nearshore Habitat Survey	2000	Collect data on the location, habitat type, and condition of nearshore marine salmon habitat in Southeast AK.	ADF&G, Sport Fish Division	P&A	7/1/01	7/31/05	\$165,212	Southeast
45017	Road Condition/Fish Passage - Year 1	2000	Assess the condition of roads and fish passage structures and identify where restoration of habitat and fish passage is needed.	ADF&G, Habitat and Restoration Division	P&A	4/1/01	2/1/03	\$76,415	Southeast
45018	Salmon Habitat Surveys in Streams and Lakes - Part 1	2000	Conduct salmon habitat and distribution surveys to document salmon streams in Southeast AK.	ADF&G, Sport Fish Division	P&A	4/1/01	12/1/03	\$302,000	Southeast
45019	Enhanced Habitat Management	2000	Review salmon habitat protection authorities to avoid, minimize, or mitigate adverse impacts to salmon habitat.	ADF&G, Habitat and Restoration Division	P&A	4/1/01	6/1/03	\$122,127	Southeast
45021	Nakwasina Coho	2000	Develop estimates of coho salmon escapement and assess habitat recovery from logging.	ADF&G, Sport Fish Division	RM&E	7/1/01	6/30/05	\$102,963	Southeast
45022	Chickamin Coho	2000	Estimate magnitude of coho salmon production and integrate with habitat data.	ADF&G, Sport Fish Division	RM&E	7/1/00	6/30/04	\$154,391	Southeast
45023	Taku Coho	2000	Improve the accuracy of escapement and abundance estimates of Taku River coho.	ADF&G, Sport Fish Division	RM&E	7/1/01	6/30/04	\$139,050	Southeast
45024	Unuk Coho	2000	Develop precise estimates of coho salmon production and integrate with habitat data.	ADF&G, Sport Fish Division	RM&E	4/1/01	6/30/05	\$224,773	Southeast
45025	Warm Chuck Coho - Year 1	2000	Sample coho salmon to estimate age, sex, and length and integrate with habitat data.	ADF&G, Sport Fish Division	RM&E	7/1/01	6/1/03	\$146,272	Southeast

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45026	Troll Salmon Marketing	2000	Develop and implement a marketing plan to enhance the value of Southeast AK troll salmon products.	ADF&G, Commercial Fisheries Division	EN	12/1/01	6/30/05	\$998,585	Southeast
45027	Identification and Protection of Marine Habitat Zones	2000	Develop a process for identifying and implementing protection zones and goals and uses for these zones.	ADF&G, Commercial Fisheries Division	P&A	12/1/01	6/30/04	\$49,520	Southeast
45028	Northern Boundary Area Sockeye: Pre and In-Season Forecasting	2000	Forecast sockeye salmon returns in the Northern Boundary area to help achieve the goals of the Pacific Salmon Treaty.	ADF&G, Commercial Fisheries Division	RM&E	7/1/01	9/30/04	\$82,400	Southeast
45029	Salmon Publication and Teacher's Guide - Year 1	2000	Update the Alaska Salmon publication with information on the interaction of salmon and their habitats and how AK has worked to maintain healthy salmon stocks.	ADF&G, Office of the Commissioner	O&E	7/1/01	6/30/05	\$144,200	Statewide
45030	CRITFC: Stock Assessment and Research - Upper Columbia River Chinook	2000	Research and evaluate the contribution of the Priest Rapids Hatchery to supplement naturally spawning fall Chinook in the upper Columbia River.	Columbia River Inter-Tribal Fish Commission (CRITFC)	P&A	10/1/01	12/31/04	\$164,750	Upper Columbia River
45031	Oceans and Watersheds Symposium	2000	Bring together scientists and interested Alaskans to further our understanding of the oceans and watersheds that support salmon.	Exxon Valdez Oil Spill Trustees Council	O&E	12/1/01	12/1/02	\$48,035	Statewide
45032	Sheldon Jackson Wetlab	2000	Educate both students and visitors about Pacific salmon, their habitats, and their sustainability.	Sheldon Jackson College	O&E	2/1/02	6/30/03	\$20,898	Southeast
45033	Fisheries Education Signage Sitka Harbor	2000	Install informative signs in visitor traffic areas of the Sitka harbors.	City of Sitka	O&E	2/1/02	9/30/03	\$8,240	Southeast
45034	Chilkat River Boat Effect Study	2000	Determine the effect of boat usage on the salmon habitat in the Chilkat River.	ADF&G, Habitat and Restoration Division	RM&E	4/1/02	12/1/02	\$20,600	Southeast
45035	Information Development and Exchanges	2000	Develop information exchanges among the Columbia River Inter-Tribal Fish Commission, the State of Alaska, and Alaska Native organizations to help build ties.	City of Angoon	O&E	2/1/02	12/1/03	\$46,347	Southeast
45037	Marine Stewardship Council Certification of Sustainable Salmon	2000	Seek certification of AK salmon management systems as sustainable under Marine Stewardship Council criteria.	ADF&G, Office of the Commissioner	EN	6/1/02	9/1/02	\$16,367	Statewide
45038	Technical Assistance to Southeast Sustainable Salmon Fund Project	2000	Provide technical assistance and scientific expertise to the agency's sustainable salmon initiative, with focus on AKSSF.	ADF&G, Office of the Commissioner	O&E	7/1/01	6/1/03	\$102,003	Southeast

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45039	Deer Mountain Tribal Hatchery Educational Raceway	2000	Design and installation of an educational raceway at the tribal hatchery, which will serve to educate the public about salmon and their habitat needs.	Ketchikan Indian Corporation	O&E	1/1/02	6/30/04	\$45,277	Southeast
45040	Instream Flow and Other Salmon Habitat Needs	2000	Contribute to protection of instream flows for water bodies in Southeast AK to ensure fish productivity, habitat protection and instream flow needs.	ADF&G, Sport Fish Division	P&A	4/1/01	6/1/03	\$164,163	Southeast
45041	Instream Flow and Other Salmon Habitat Needs	2000	ADF&G biologists postulated that changes within the lake were responsible for the decrease in its sockeye population. To examine the lake's productivity, we have been looking at changes in limnological conditions, in zooplankton populations, and in sockeye fry populations.	ADF&G, Commercial Fisheries Division	RM&E	4/1/01	7/31/05	\$175,100	Southeast
45042	Stikine Sockeye	2000	Estimate the abundance of sockeye salmon in the lower Stikine River.	ADF&G, Commercial Fisheries Division	RM&E	4/1/01	6/30/04	\$103,000	Southeast
45043	Alsek Sockeye	2000	Improve estimates of sockeye salmon escapement in the Alsek River.	ADF&G, Commercial Fisheries Division	RM&E	4/1/01	6/1/03	\$61,800	Southeast
45044	Southeast AK Chinook Genetics	2000	Generate baseline information for implementing a genetic stock identification program for Southeast AK Chinook salmon.	ADF&G, Commercial Fisheries Division	RM&E	4/1/01	6/30/04	\$265,893	Southeast
45045	Coho Salmon Aging Validation	2000	Develop aging criteria that can be used to accurately determine freshwater age.	ADF&G, Commercial Fisheries Division	RM&E	7/1/01	6/30/05	\$48,399	Southeast
45046	Tatsamenie Sockeye	2000	Determine and study factors influencing the survival of wild and enhanced sockeye fry in Tatsamenie Lake.	ADF&G, Commercial Fisheries Division	RM&E	5/1/01	6/30/04	\$144,200	Southeast
45047	Angoon Fish Buying Station	2000	Infrastructure improvements designed to improve handling of the harvest and attract fishermen to the Angoon area.	City of Angoon	EN	6/1/01	6/30/05	\$69,526	Southeast
45048	DEC: Fish Tissue Sampling	2000	Collect and test fish samples for the presence of pollutants.	Department of Environmental Conservation (DEC)	RM&E	7/1/01	6/30/05	\$247,863	Statewide
45049	POWHA: Sockeye Enhancement	2000	Increase sockeye production within permitted levels at the Klawock Hatchery as part of a multi-phase approach to restoring fish returns.	Prince of Wales Hatchery Association	EN	6/1/01	6/30/05	\$206,000	Southeast

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45051	POWHA: Coho Enhancement - Year 1	2000	Infrastructure improvements to increase coho salmon production to permitted level.	Prince of Wales Hatchery Association	EN	6/1/01	4/3/03	\$482,676	Southeast
45052	Northern Boundary Sockeye ID - Part 1	2000	Improve the understanding of migratory timing, routes, and mixing rates of Northern Boundary Area sockeye salmon.	ADF&G, Commercial Fisheries Division	RM&E	7/1/01	7/31/05	\$370,016	Southeast
45053	Tuya Lake Sockeye Access	2000	Examine the feasibility of removing the natural migration barriers located on the Tuya River.	ADF&G, Commercial Fisheries Division	EN	7/1/01	6/1/02	\$31,300	Southeast
45054	Associate of Applied Science in Fisheries Technology - University of Alaska Southeast	2000	Establish an education program to develop well-rounded fisheries technicians with a broad background in the practical and academic skills of fish and invertebrate culture.	University of Alaska Ketchikan	O&E	8/1/01	6/30/04	\$139,431	Southeast
45057	CRITFC: Deschutes Salmon Count Strategy	2000	Research to measure the retention of coded-wire tags, part of a feasibility study of establishing a coded-wire tag program for Deschutes River fall Chinook.	Columbia River Inter-Tribal Fish Commission	P&A	2/1/02	8/1/02	\$52,478	Deschutes River
45058	CRITFC: Deschutes River Fall Chinook Feasibility	2000	Research to develop methods for capturing juvenile fall Chinook salmon in the Deschutes River, part of the feasibility study for a coded-wire tag program.	Columbia River Inter-Tribal Fish Commission	RM&E	2/1/02	8/1/02	\$51,192	Deschutes River
45059	CRITFC: Federal Energy Regulatory Commission: Hanford Reach	2000	Map bathymetry of the Hanford Reach, and design program to determine the number of outmigrating fall Chinook smolts stranded due to low water levels.	Columbia River Inter-Tribal Fish Commission	P&A	10/1/02	6/30/05	\$575,692	Upper Columbia River
45060	CRITFC: Mid-Columbia Summer Chinook	2000	Collect accurate stock assessment data for Columbia River summer Chinook.	Columbia River Inter-Tribal Fish Commission	P&A	3/1/03	6/30/05	\$573,051	Middle Columbia River
45061	CRITFC: Columbia Hatchery Assessment	2000	Identify improved Chinook hatchery strategies for the Columbia River, which will result in additional harvest in Southeast AK fisheries.	Columbia River Inter-Tribal Fish Commission	EN	3/1/03	12/1/03	\$8,031	Columbia River

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45062	Stikine Sockeye Radio Telemetry – Tag Purchase	2000	Purchase radio tags to support the Stikine River Sockeye Salmon Telemetry Project. Adult sockeye salmon will be captured in gillnets in the lower Stikine River as part of a mark-recapture study to estimate spawning abundance.	ADF&G, Commercial Fisheries Division	P&A	1/1/05	6/30/05	\$103,000	Southeast
45063	Stikine River Chinook Telemetry – Tag Purchase	2000	Purchase radio tags to support the Stikine River Chinook Salmon Telemetry Project. Adult Chinook salmon will be captured in gillnets in the lower Stikine River as part of a mark-recapture study to estimate spawning abundance.	ADF&G, Sport Fish Division	P&A	1/1/05	6/30/05	\$53,560	Southeast
45064	DCED: Fisheries Economic Development Matching Grant Program - Part 2	2000	Grants for projects benefiting the salmon industry in Southeast AK will be selected via a competitive application process in order to fund projects that will improve the infrastructure of the salmon fishery and enable Alaskan producers to better compete in changing world markets.	Department of Community and Economic Development (DCED)	EN	6/1/05	7/31/05	\$256,124	Southeast
45070	Chinook Model Evaluation	2000	Provide Sport Fish Division support to the evaluation and improvement of the Chinook model.	ADF&G, Sport Fish Division	RM&E	9/1/02	6/30/05	\$207,545	Southeast
45071	Chinook Model - Chinook Technical Committee Co-Chair	2000	Participation in and leadership from this project will ensure sustained Chinook salmon stocks and fisheries.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/05	\$109,180	Southeast
45072	Information Exchanges - Year 1	2000	Continue to facilitate exchanges between organizations having shared interests in Pacific salmon in the Pacific Northwest and Southeast AK. Complete and distribute video and associated written materials, regarding shared salmon resources.	ADF&G, Office of the Commissioner	O&E	5/1/04	6/30/05	\$25,303	Southeast
45073	DCED: Alaska Salmon Marketing Program - Part 3	2000	Funds projects that will improve the marketing of AK salmon, including promotional activities, familiarization tours, trade shows, related marketing travel, packaging and label design, product sampling, and personnel costs.	Department of Community and Economic Development (DCED)	EN	1/1/04	6/30/05	\$51,500	Statewide

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45074	Transboundary River Chinook Salmon Fishery Implementation	2000	Provide for fishery monitoring and sampling for new directed Chinook fisheries in Districts 8 and 11. Conduct aerial surveys to document fleet distribution, skiff surveys to interview fishermen; collect biological information and coded-wire tags to determine stock composition.	ADF&G, Commercial Fisheries Division	RM&E	2/15/05	7/31/05	\$54,590	Southeast
45075	Situk Lagoon Coho Coded-Wire Tagging	2000	Supports a second year of coded-wire-tagging juvenile coho salmon on the Situk, Ahrnklin, and Lost Rivers, near Yakutat, AK. Returns of tagged fish will provide estimates of harvest for these stocks, and help provide estimates of total run.	ADF&G, Commercial Fisheries Division	RM&E	3/1/05	6/30/05	\$56,000	Southeast
45101	Metlakatla Tamgass Hatchery	2001	Provide salmon for the common property resource in Southeast AK.	Metlakatla Indian Community	CD: EN	10/1/01	12/31/02	\$1,030,000	Southeast
45103	Southeast Community Watershed Stewardship Project	2001	Promote, initiate, and implement community watershed stewardship councils in Southeast AK.	Southeast Conference	P&A	3/1/02	7/31/06	\$731,300	Southeast
45104	Crystal Lake Hatchery Chinook Production - Year 2	2001	Provide salmon for the common property resource in Southeast AK.	ADF&G, Sport Fish Division	CD: EN	7/1/03	6/30/05	\$350,000	Southeast
45105	Southeast Community Watershed Stewardship Project	2001	ADF&G technical assistance to the Community Watershed Stewardship Project: supports salmon sustainability through the promotion, initiation, and implementation of community watershed stewardship councils and organizations that restore, maintain, and enhance salmon producing watersheds in Southeast AK in order to protect the economic and social well-being of the region and its local citizens.	ADF&G, Sport Fish Division	P&A	2/1/02	7/31/06	\$476,617	Southeast
45107	Instream Flow Reservations	2001	Identify instream flow needs for salmon and make reservations; conduct watershed analyses across spatial and temporal scales; access water quality, quantity, and sediment data.	ADF&G, Sport Fish Division	P&A	3/1/02	6/30/06	\$538,455	Southeast
45108	Ketchikan and Southeast Alaska Salmon Wastes and Utilization Studies	2001	Provide information for value-added salmon waste products and the reduction of environmental impacts by finding alternative uses.	Department of Environmental Conservation (DEC)	EN	6/1/02	9/30/05	\$450,163	Southeast

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45109	Stikine River Chinook Salmon Coded-Wire Tag Project - Year 1	2001	Provide precise estimates of total Chinook salmon production, exploitation, and survival.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/04	\$121,409	Southeast
45110	Salmon Habitat Surveys in Streams and Lakes - Part 2	2001	Systematic and comprehensive evaluation of essential fish habitats in freshwater ecosystems; identified location of critical and essential spawning/rearing/ migration habitats. Collaborate with landowners and managers, other agencies.	ADF&G, Sport Fish Division	P&A	9/1/02	6/30/06	\$742,989	Southeast
45111	Infrastructure Assessment Request for Proposal	2001	Conduct interviews/surveys to determine Southeast AK salmon fishing industry infrastructure needs and recommend criteria for selecting project areas and projects.	ADF&G, Commercial Fisheries Division	EN	1/1/03	9/1/03	\$96,145	Southeast
45113	District 111 Sockeye Stock ID - Year 1	2001	Provide annual estimates of marine harvest of Taku River sockeye salmon stocks.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/06	\$62,841	Southeast
45114	Port Armstrong Chum	2001	Produce an new increment of summer chum salmon at the Port Armstrong hatchery at the permitted capacity of 30 million eggs annually through upgrades to the existing facilities.	Armstrong Keta, Inc.	EN	4/1/03	6/30/06	\$1,500,000	Southeast
45115	Salmon Education Needs Assessment	2001	Inventory curricula about AK's wild salmon and salmon industry that are currently available in Southeast AK schools, conduct needs assessment for new materials, and identify training requirements.	ADF&G - Commercial Fisheries Division	O&E	2/1/03	6/30/06	\$13,522	Southeast
45117	Sentinel Transboundary - Part 2	2001	This project will work toward establishing tools which can be implemented into Sentinel Monitoring programs across Southeast AK with specific application to large transboundary river systems.	ADF&G, Sport Fish Division	P&A	9/1/05	6/30/06	\$132,812	Southeast
45118	Restoration Projects Demo - Part 2	2001	Identify and plan several demonstration projects to showcase innovative fish habitat protection/restoration techniques that are not currently used in Southeast AK, but have been shown to be effective elsewhere. This project will focus on less expensive techniques suitable for private property owners. Monitoring will be conducted after the projects are constructed.	ADF&G, Sport Fish Division	HP&R	9/1/05	6/30/06	\$99,590	Southeast
45119	Salmon Stock Assessment Assistant	2001	The incumbent will assist in planning and operation of salmon stock assessment projects (coded-wire tagging and adult escapement mark-recapture) on the Stikine River, support for other stock assessment projects in Southeast, technical analyses, and report preparation. These duties will prepare the incumbent for advancement.	ADF&G, Sport Fish Division	RM&E	11/15/05	6/30/06	\$13,000	Southeast

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45120	Chickamin River Chinook and Coho Salmon Coded-Wire Tagging Part 1	2001	Chinook and coho salmon smolt will be coded-wire tagged in Spring 2006 to estimate smolt abundance, harvest, survival, and exploitation.	ADF&G, Sport Fish Division	RM&E	4/1/06	6/30/06	\$36,050	Southeast
45121	Haines Office/Lab Upgrades/Replacement - Year 1	2001	Replace and upgrade an existing pre-statehood facility that is marginally functional with a new energy efficient modular office/lab facility. The facility will include many features that currently do not exist, but are necessary to better manage the fisheries in Lynn Canal.	ADF&G, Office of the Commissioner	O&E	6/1/06	7/31/06	\$77,250	Southeast
45122	Fisheries Project and Issues Coordination - Phase 1	2001	This project funds the work of the Special Assistant to the Commissioner and other efforts related to State of Alaska participation in Pacific Northwest Salmon Endangered Species Act issues; oversight of all aspects of AK's utilization of federal PCSRF funding; and provision of fisheries advisory support to the Commissioner of Fish and Game.	ADF&G - Commercial Fisheries Division	PA	7/1/05	6/30/06	\$24,469	Statewide
45301	Technical Assistance to Southeast Sustainable Salmon Fund	2001	Assist the Science Coordination Panel in developing and implementing the annual sustainable salmon plans and ensuring coordination among salmon projects; assist with reports and information requests for the program.	ADF&G, Office of the Commissioner	PA	7/1/02	6/30/06	\$53,358	Statewide
45302	Coded-Wire Technician for Coded-Wire Tag Lab	2001	Provide for timely processing of coded-wire tags utilized in other AKSSF projects.	ADF&G, Commercial Fisheries Division	RM&E	7/1/02	6/30/06	\$81,990	Southeast
45303	Spawning Abundance of Alsek River Sockeye	2001	Estimate spawning distribution of Alsek River sockeye salmon.	ADF&G, Commercial Fisheries Division	RM&E	4/1/02	8/31/04	\$63,860	Southeast
45304	Subsistence Salmon Harvest Assessment and Descriptive Analysis	2001	An understanding of traditional and contemporary harvest patterns which will contribute to better salmon management practices.	ADF&G, Subsistence Division	RM&E	3/1/02	6/30/06	\$92,372	Southeast
45305	Klawock Subsistence Sockeye Salmon Project	2001	Identify mechanisms that may positively or adversely affect the production of sockeye and coho salmon in Klawock Lake.	ADF&G, Commercial Fisheries Division	RM&E	4/1/02	3/31/05	\$98,325	Southeast
45306	Tuya Lake Access Study	2001	Assess the ability of sockeye salmon to ascend the Tuya River above the natural migration barriers.	ADF&G, Commercial Fisheries Division	RM&E	6/1/02	7/1/03	\$147,326	Southeast

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45307	Tuya Fish Passage and Harvest Structure	2001	Construction of a fish ladder and flow diversion structure at Tuya River that provides a means to harvest enhanced adult sockeye salmon.	ADF&G, Commercial Fisheries Division	RM&E	5/1/02	6/30/04	\$83,043	Southeast
45308	Southeast Regional Comprehensive Salmon Plan - Phase III	2001	This project will provide continued protection of wild salmon while setting goals and objectives for enhanced production in the Southeast region.	ADF&G, Commercial Fisheries Division	EN	7/1/02	6/30/04	\$166,003	Southeast
45309	Chilkat River Chum Salmon Escapement	2001	This project will allow ADF&G to estimate escapement of chum salmon to the Chilkat River.	ADF&G, Commercial Fisheries Division	RM&E	7/1/02	6/30/04	\$115,523	Southeast
45310	Hidden Falls Chum Expansion	2001	Infrastructure improvements to increase chum salmon production and provide for otolith marking capability.	Northern Southeast Regional Aquaculture Association (NSRAA)	EN	7/1/02	6/30/04	\$590,113	Southeast
45311	Hidden Falls Coho Expansion	2001	Increase economic opportunity for Southeast AK fisheries.	NSRAA	EN	7/1/02	9/30/04	\$1,024,850	Southeast
45312	Medvejie Chum Salmon Expansion	2001	Infrastructure improvements to increase chum salmon production and provide for otolith marking capability.	NSRAA	EN	7/1/02	12/1/03	\$1,077,380	Southeast
45313	Petersburg Area Chum Salmon Fry Rearing Investigations	2001	Project will conduct site investigations, identify brood stocks, and ascertain water quality.	NSRAA	EN	7/1/02	6/30/06	\$25,016	Southeast
45314	Chilkat River Coho Salmon Escapement Mark-Recapture	2001	Provide annual estimates of coho salmon escapement by age and sex to refine escapement goals and forecast runs.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/04	\$93,652	Southeast
45315	Chilkat River Coho Salmon Coded-Wire Tagging	2001	Coded-wire tagging of coho salmon smolt will provide the baseline information to produce sustainable long-term fishing opportunities.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/04	\$123,600	Southeast
45317	Alsek River Chinook Salmon Escapement	2001	Provide annual estimates of Chinook salmon escapement by age and sex to refine escapement goals and forecast runs.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/06	\$59,740	Southeast

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45318	Warm Chuck Coho - Year 2	2001	Precise estimates of total coho salmon production, exploitation, and survival will be obtained.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/06	\$133,741	Southeast
45319	Chickamin River Chinook and Coho Salmon Coded-Wire Tag - Part 2	2001	Develop precise estimates of salmon production, exploitation, harvest, and survival.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/06	\$209,583	Southeast
45320	Crescent Lake Sockeye Escapement Estimation	2001	Escapement estimates will assist ADF&G with managing this wild/enhanced mixed fishery to ensure sustainable production of wild sockeye salmon from Crescent and Speel Lakes.	Douglas Island Pink and Chum, Inc. (DIPAC)	EN	6/1/02	12/1/03	\$136,372	Southeast
45321	Gastineau Channel/Sheep Creek Net Pen Complex	2001	The construction of additional net pens will reduce the densities of fry to acceptable levels, increasing fitness and marine survival of enhanced salmon fry.	DIPAC	EN	7/1/02	3/1/03	\$280,081	Southeast
45322	Habitat Database Field Verification and Reporting	2001	Complete work on the Southeast AK salmon habitat database.	ADF&G, Sport Fish Division	P&A	7/1/03	7/31/06	\$164,800	Southeast
45323	Salmon Escapement Database Integration	2001	Improve salmon escapement data storage and retrieval system and link to broader Southeast AK salmon database system.	ADF&G, Sport Fish Division	RM&E	10/1/02	6/30/06	\$299,627	Southeast
45324	Coho Pre-Smolt Enhancement Research	2001	Research lakes in central and southern Southeast AK for potential coho pre-smolt release sites.	Southern Southeast Regional Aquaculture Association (SSRAA)	EN	10/1/02	12/31/05	\$136,743	Southeast
45325	Port Armstrong Coho Expansion	2001	Increase coho production for Southeast AK fisheries.	Armstrong Keta, Inc.	EN	10/1/02	12/31/05	\$649,961	Southeast

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45326	Data Links - Southeast Alaska Limnology Database	2001	Construct a limnology database system for 175 lakes in Southeast AK and link to broader Southeast AK salmon database system.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	7/31/06	\$247,781	Southeast
45329	University of Alaska Fairbanks: Wild-Hatchery Interaction	2001	Provide information on the interactions of hatchery and wild salmon in Southeast AK.	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (Juneau Center) (UAF, SFOS)	RM&E	12/15/02	6/30/06	\$277,913	Southeast
45330	Technical Assistance - Sport Fish	2001	Technical expertise for review of proposed projects, coordination with other organizations, and assistance to the AKSSF manager in project accounting and evaluation.	ADF&G, Sport Fish Division	PA	12/1/02	6/30/05	\$107,878	Southeast
45331	Stikine River Sockeye Mark-Recapture	2001	Provide inseason run size estimates for sockeye salmon in the Stikine River.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/06	\$108,077	Southeast
45333	Sheldon Jackson Water Quality	2001	Improve the quality of the water coming into Sheldon Jackson hatchery, which will increase survival of salmon smolts.	Sheldon Jackson College	EN	2/1/03	6/30/05	\$120,583	Southeast
45334	Northern Boundary Sockeye Stock ID - Part 2	2001	Estimate magnitude of boundary area sockeye runs to improve accuracy of and document compliance with District 101 gillnet and 104 purse seine fishery allocations.	ADF&G, Commercial Fisheries Division	RM&E	8/1/01	7/31/06	\$304,701	Southeast
45335	Genetic Stock ID Chinook	2001	Provide improved estimates of stock composition of Chinook salmon troll fisheries in Southeast AK.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	12/31/06	\$246,170	Southeast
45337	Marine Stewardship Council 2003 Surveillance Audit	2001	Annual surveillance of Marine Stewardship Council certification of AK salmon fisheries as sustainable under Marine Stewardship Council criteria.	ADF&G, Commercial Fisheries Division	EN	6/1/03	6/30/04	\$27,130	Statewide

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45338	Alaska Salmon Price Report - Year 1	2001	FY 2004 production of the Alaska Salmon Price Report.	Department of Revenue (DOR)	EN	7/1/03	6/30/04	\$51,500	Statewide
45339	DCED: Alaska Salmon Marketing Grant Program - Part 2	2001	Funds projects that will improve the marketing of AK salmon, including promotional activities, familiarization tours, trade shows, related marketing travel, packaging and label design, product sampling, and personnel costs.	Department of Community and Economic Development (DCED)	EN	1/1/04	6/30/06	\$10,300	Southeast
45340	Marine Advisory Program Small Business Assistance	2001	These funds will be used to contract with the University of Alaska Fairbanks's Marine Advisory Program for the purpose of providing technical assistance to small and startup fisheries businesses.	DCED	EN	2/1/04	6/30/06	\$200,000	Statewide
45341	Marine Stewardship Council 2004 and 2005 Surveillance Audits	2001	In accordance with Marine Stewardship Council requirements, ADF&G will contract with an accredited third party to conduct annual surveillance audits for 2004 and 2005.	ADF&G, Commercial Fisheries Division	EN	1/1/04	6/30/06	\$60,000	Statewide
45342	Alsek River Chinook Salmon Escapement Test Fishery	2001	The Transboundary River Panel agreed to a limited test fishery in the lower Alsek River beginning in 2005 through 2008. This project will enable the department to monitor the first two years of this fishery in 2005 and 2006.	ADF&G, Commercial Fisheries Division	RM&E	5/1/05	7/31/06	\$52,962	Southeast
45343	DCED: Targeted Fisheries Assistance Program - Southeast Shelf Life Extension - Part 2	2001	Eligible projects will be those that address the limited shelf life of fresh and frozen salmon from harvesters through the end users, and improve quality handling capabilities for salmon harvesting and tendering vessels.	Department of Community and Economic Development (DCED)	EN	10/1/05	3/2/07	\$350,200	Southeast

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45344	DCED: Fisheries Economic Development Program - Part 3	2001	Funds projects that will improve the infrastructure of the salmon fishery and enable Alaskan producers to better compete in changing world markets.	DCED	EN	12/1/05	6/30/06	\$1,442,000	Southeast
45345	Haines Office/Lab Upgrades/Replacement - Year 2	2001	Replace and upgrade an existing pre-statehood facility that is marginally functional with a new energy efficient modular office/lab facility. The facility will include many features that currently do not exist, but are necessary to better manage the fisheries in Lynn Canal.	ADF&G, Office of the Commissioner	O&E	6/1/06	7/31/06	\$30,900	Southeast
45076	AYK: U.S. Geological Survey Retrospective Analysis of AYK Chinook Growth	2002	Measure annual and seasonal growth of Yukon River and Kuskokwim River Chinook salmon in freshwater and marine habitats during the past 41 years using the historical collection of scales correlated with salmon body size.	US Geological Survey (USGS)	CD: RM&E	9/1/04	6/30/06	\$24,407	AYK
45077	AYK: National Research Council - Retrospective Analysis of AYK Chinook Growth	2002	Measure annual and seasonal growth of Yukon River and Kuskokwim River Chinook salmon in freshwater and marine habitats during the past 41 years using the historical collection of scales correlated with salmon body size. Annual scale growth will be compared with harvest levels, environmental factors, and potential competitors such as Kamchatka pink salmon.	Natural Resources Consultants, Inc. (NRC)	CD: RM&E	9/1/04	6/30/06	\$37,020	AYK
45078	AYK: Digital Scale Data for AYK Chinook	2002	ADF&G has maintained archival scale data since 1964 in the format of acetate impressions of actual salmon scales. A digital database will be created from this archive, with emphasis on Chinook salmon populations in the Yukon and Kuskokwim rivers.	ADF&G, Commercial Fisheries Division, Mark, Tag, and Age Lab	CD: RM&E	9/1/04	6/30/06	\$64,891	AYK
45079	AYK: Norton Sound Population	2002	Project will test methods of detecting natural elemental and strontium isotope tags in the otoliths (or earstones) of salmon to provide a means of identifying stream of origin.	Bering Sea Fishermen's Association (BSFA)	CD: RM&E	6/1/05	1/31/07	\$92,149	AYK (Norton Sound)
45081	AYK: Genetic Variation in Norton Sound Chum	2002	Genetic population structure analysis can be used to define populations (i.e., how they are structured spatially and temporarily) and quantify genetic exchanges between them.	Kawerak, Inc	CD: RM&E	6/1/05	5/31/06	\$180,904	AYK (Norton Sound)

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45082	AYK: Kuskokwim Chinook Salmon Run Reconstruction - Part I	2002	Estimate adult Chinook salmon abundance in the Kuskokwim River upstream of Kalskag in 2006 and 2007 such that the estimate is within $\pm 25\%$ of the actual value 95% of the time; estimate adult Chinook salmon abundance in the Aniak River sub-basin in 2006 and 2007 such that the estimate is within $\pm 30\%$ of the actual value 90% of the time; determine the relative contribution of the Aniak River Chinook salmon escapement to the total escapement above Kalskag in 2006 and 2007 as a means for expanding the abundance estimates of Kuskokwim River Chinook salmon from 2002 through 2005.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/9/06	6/30/07	\$251,732	AYK (Kuskokwim River)
45083	AYK: Kuskokwim Sockeye Salmon Investigations - Part I	2002	Describe the location and relative abundance of sockeye salmon spawning aggregates (stocks) in tributaries of the Kuskokwim River upstream of Kalskag which constitute 5% or more of radio tags deployed in 2006. Estimate run-timing in the main stem Kuskokwim River for the stocks identified. Describe and compare habitat utilization and seasonal migration patterns of river-type and lake-type juvenile sockeye salmon in the Kuskokwim River in 2006. Describe sockeye salmon smolt size and growth among different tributaries and habitat types of the Kuskokwim River drainage in 2006.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/9/06	6/30/07	\$200,815	AYK (Kuskokwim River)
45084	AYK: Methods for Setting AYK Escapement	2002	The objectives of this study are to (1) evaluate the existing tools for calculating escapement goals and harvest strategies, and (2) determine how to modify the existing tools so that they will be most useful for the AYK SSI.	University of Washington (UW)	CD: RM&E	5/9/06	6/1/07	\$154,889	AYK
45088	Angler's Guide to Salmon Fishing in Alaska	2002	A waterproof salmonid game-fish ID and conservation pocket guide for anglers will be produced. One side will provide clear identification images and information on AK's salmonid game fish and basic salmon anatomy. The other will provide anglers with conservation information on proper catch and release techniques, how to reduce impacts to salmon habitat, and how to identify and prevent transporting invasive species detrimental to salmonid populations. The guide will include messages about the importance of salmon to AK's ecosystems, economy, and way of life; about sustaining this resource now and into the future; making sure anglers know that they need a valid AK sport fishing license when engaged in fishing; and information on checking regulations for fishing areas, catch, and possession limits.	ADF&G, Office of the Commissioner's	O&E	5/15/07	6/30/07	\$88,293	Statewide
45201	Crystal Lake - Year 3	2002	Provide salmon for the common property resource in Southeast AK.	ADF&G, Sport Fish Division	EN	7/1/02	6/30/03	\$198,481	Southeast

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45202	POWHA Coho Project - Years 2 and 3	2002	Increase coho production to permitted levels.	Prince of Wales Hatchery Association (POWHA)	EN	7/1/02	6/30/04	\$144,200	Southeast
45204	PSFMC: Atlantic Salmon and Invasives - Part 1	2002	The focus of the program is to prevent the spread of aquatic nuisance species (e.g. zebra mussels and mitten crab) into AK. All Alaskan salmon species are potentially impacted by Atlantic salmon and other invasive species.	Pacific States Marine Fisheries Commission (PSFMC)	CD: P&A	8/1/02	6/30/07	\$481,402	Statewide
45205	UFA: Subsistence Education - Year 1	2002	Funds a subsistence management information program to educate the public about subsistence regulations and the regulatory process.	United Fishermen of Alaska (UFA)	CD: O&E	7/1/02	6/30/04	\$250,000	Statewide
45206	Legislative Salmon Task Force	2002	Hold public meetings and report to the Legislature on industry and legislative changes needed to help ensure a successful salmon industry in AK.	Alaska State Legislature	O&E	7/1/02	5/31/04	\$368,440	Statewide
45207	Technical Assistance - Planning	2002	Provides economic and scientific planning with the Stakeholder and Science Coordination Panels.	ADF&G, Office of the Commissioner	PA	10/1/02	6/30/07	\$320,208	Statewide
45208	Technical Assistance - Economics	2002	Provides economic analysis and AKSSF project management.	ADF&G, Commercial Fisheries Division	PA	10/1/02	2/8/07	\$209,220	Statewide
45209	Craig: Alaska King Salmon Project	2002	Explore the feasibility of establishing a Chinook salmon run near Craig and support the work needed to obtain permits.	City of Craig	CD: EN	8/1/02	6/30/04	\$31,109	Southeast
45211	Information System	2002	Create a user-friendly database management system for habitat and permit data.	ADF&G, Sport Fish Division	P&A	12/1/02	6/30/07	\$242,502	Southeast
45212	Sentinel Transboundary - Part 1	2002	Establish tools for sentinel habitat monitoring program for transboundary watersheds.	ADF&G, Sport Fish Division	P&A	12/1/02	6/30/07	\$201,872	Southeast
45213	Increment to Instream Flow - Year 1	2002	Quantify and protect instream flow requirements for an estimated 80 water body segments and continue the efforts of the second instream flow project one year. Protocols from the second project will be used for this third project regarding water body prioritization, methods and analyses used, and protection tools used.	ADF&G, Sport Fish Division	P&A	8/1/02	6/30/07	\$249,615	Southeast
45214	Pink and Chum Aerial Surveys - Year 1	2002	Increase aerial surveys to monitor pink and chum salmon escapements in Southeast AK.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/05	\$84,800	Southeast
45215	Yakutat Forelands Sockeye and Coho	2002	Improve escapement estimation for Yakutat area sockeye and coho salmon systems.	ADF&G, Commercial Fisheries Division	RM&E	1/1/03	6/30/06	\$470,879	Southeast

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45216	Chilkat Chum Escapement	2002	Estimate age, length, and sex compositions and escapement of chum salmon to the Chilkat and Klehini Rivers.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/06	\$124,590	Southeast
45217	U.S. Geological Survey: Gaging - Part 1	2002	Acquire hydrologic information integral to salmon research and management.	ADF&G, Sport Fish Division	P&A	8/1/02	6/30/07	\$457,138	Southeast
45218	Hugh Smith Sockeye Research	2002	Provide estimates of wild and hatchery-origin sockeye juvenile abundance, survival, and size.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/06	\$108,356	Southeast
45219	Southeast Chinook Port Sampling - Part 1	2002	Sample spring troll fisheries for coded-wire tags in the 2004-2006 fishing seasons to document the Alaskan hatchery catch.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/07	\$170,794	Southeast
45221	AYK: Salmon Research Planning - Phase 1	2002	Facilitate the development and implementation of an AYK area research and restoration plan.	Bering Sea Fishermen's Association (BSFA)	CD: P&A	10/15/02	6/30/07	\$1,722,049	Statewide
45224	AYK: Yukon Chinook Telemetry and Mark-Recapture	2002	Use radio telemetry techniques and a mark-recapture model to estimate total abundance, stock composition, run timing, migration characteristics, and spawning abundance of Chinook salmon in the Yukon River.	ADF&G, Commercial Fisheries Division	CD: RM&E	4/1/03	6/30/04	\$175,100	AYK (Upper Kuskokwim River)
45225	AYK: Yukon, Kuskokwim, and Kotzebue Data	2002	Aggregate, error-check, and correct historical age, sex, and length data in the AYK region, and standardize data formats for inclusion into a centralized database.	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/03	3/31/04	\$15,379	AYK (Upper Kuskokwim River)
45227	AYK: Uncertainty Analysis for Chum Biological Escapement Goals	2002	Subject the statistical analysis used for arriving at biological escapement goals to a formal uncertainty analysis in order to quantify the magnitude and explore possible consequences of any error.	Montana State University (MSU)	CD: RM&E	6/1/03	5/31/04	\$36,050	AYK (Upper Kuskokwim River)
45229	AYK: Yukon Chum Telemetry	2002	Applicants will use radio telemetry to estimate run timing, movement, and spawning distribution of summer chum in the Yukon River, with particular emphasis on what proportion of tagged fish go to the Anvik and Tanana Rivers and other tributaries.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/1/04	4/30/05	\$96,661	AYK (Yukon River)
45230	AYK: Energy Estimation of Yukon Chinook	2002	Develop models that will permit the estimation of body composition (e.g. fat, protein, water content) for use in field studies of Yukon River Chinook, using Bioelectrical Impedance Analysis to estimate the amount of lipids (fat) stored.	University of Alaska Fairbanks, Alaska Cooperative Fish and Wildlife Research Unit (UAF)	CD: RM&E	5/1/04	7/30/05	\$21,581	AYK (Upper Kuskokwim River)

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45231	AYK: Kuskokwim River Chum Fry Outmigration	2002	Explore methods of under-ice sampling before and during spring breakup to estimate outmigration timing of chum fry in the Kuskokwim watershed. Investigations into the feeding ecology and energy reserves of chum fry may help gain an understanding of the factors relating to migration distance that can influence survival during smolt transition.	US Geological Survey (USGS)	CD: RM&E	4/1/04	10/31/05	\$134,590	AYK (Lower Kuskokwim River)
45232	AYK: Characteristics of Kuskokwim Fall Chum	2002	Describe the distribution, morphology, and biology of adult fall chum in comparison to summer chum; describe the run-timing of adult fall chum in the lower Kuskokwim; and determine the relative abundance of adult fall chum.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/1/04	4/30/05	\$73,168	AYK (Lower Kuskokwim River)
45233	AYK: Unalakleet Coho Abundance and Spawning	2002	Utilize radiotelemetry techniques to estimate the proportions of coho escapement up the mainstem and North Fork Unalakleet, North, Chirosky, and Old Woman rivers; and estimate the total abundance by proportional expansion of the existing North River tower count.	ADF&G, Sport Fish Division	CD: RM&E	5/1/04	6/30/05	\$68,269	AYK (Norton Sound)
45234	AYK: Unalakleet Chum Telemetry	2002	Use radiotelemetry techniques and mark-recapture methodology to estimate abundance, stock composition, run timing, migration, and spawning distribution of Unalakleet River chum. Assess whether chum counts at the North River tower can be used to estimate total drainage population, and if the majority of chum salmon migrate and spawn past a proposed weir location upriver.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/1/04	6/30/05	\$144,210	AYK (Norton Sound)
45235	AYK: Nome Watershed Habitat Restoration Framework	2002	Using the Nome River, develop and test a habitat restoration framework that will identify cost-effective treatment strategies and designs for western AK streams. The work will consist of three components: (1) overview watershed assessment, (2) detailed habitat assessments on priority reaches, and (3) designs for specific treatments that address restoration needs.	Kawerak, Inc	CD: RM&E	5/1/04	6/30/05	\$147,267	AYK (Norton Sound)
45236	AYK: Capacity Development and Community Involvement	2002	This proposal will focus on community involvement by hiring youth from ten villages to collect biological data. Data will be used to generate information on genetic stock identification, diseases such as <i>Ichthyophonus</i> , and age, sex, and length distributions.	Tanana Chiefs Conference (TCC)	CD: RM&E	5/15/04	6/30/05	\$47,104	AYK (Norton Sound)
45237	AYK: Experimental Design Principle Project Review	2002	Review literature on experimental designs in applied ecology and develop a framework that applies those concepts to restoration projects for AYK salmon. The main benefit of the proposed research is a more efficient use of AYK SSI funds to focus on the most effective restoration methods.	Simon Frasier University	CD: RM&E	5/1/04	5/30/05	\$13,071	AYK (Norton Sound)

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45238	AYK: Norton Sound Subsistence Patterns and Trends	2002	Explore patterns and trends in subsistence salmon harvests in ten communities. Retrieve the archived annual survey data files, translate them into a common data format, and aggregate to household level. Explore patterns of salmon harvests at the household level.	ADF&G, Subsistence Division	CD: RM&E	7/1/04	8/31/05	\$120,510	AYK (Norton Sound)
45239	AYK: Clear Creek Chum Ecology	2002	Begin the development of stream-channel/drainage-wide methods to evaluate the quality and distribution of chum salmon spawning and incubation habitat. Produce a geo-referenced map and database to provide a tool for assessing changes. Develop a method to be applied broadly.	US Geological Survey, Alaska Science Center (USGS, ASC)	CD: RM&E	5/1/04	12/31/05	\$100,368	AYK (Norton Sound)
45240	AYK: Effective Population Size	2002	Use both demographic and genetic data to estimate and evaluate the effective population size of Chinook salmon from the Kwethluk, Tuluksak, Gisasa, and Tozitna rivers, compared to theoretical threshold values.	US Fish and Wildlife Service, Conservation Genetics Laboratory (USFWS, CGL)	CD: RM&E	5/1/04	7/31/05	\$48,522	AYK (Norton Sound)
45241	Taku River Chum Telemetry	2002	Provide detailed information on the spawning distribution of chum salmon in the Taku River.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/05	\$111,102	Southeast
45242	Sentinel Habitat Use of Headwater Streams by Salmon	2002	Characterize seasonal salmonid densities in high-gradient headwater streams related to habitat parameters and define the terminal limit of salmonid presence based on geomorphic factors.	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS)	RM&E	1/1/03	5/31/06	\$103,000	Southeast
45243	Stikine River Coho Mark-Recapture	2002	Provide annual estimates of escapement by age and sex.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	3/2/07	\$142,380	Southeast
45244	Chilkat Coho Radio Telemetry Escapement	2002	Provide specific details on the handling effects and spawning distribution using a radio study to provide better escapement estimates.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/04	\$70,172	Southeast
45245	Chinook Encounters - Mortality	2002	Estimate Chinook encounters and associated incidental mortality in the winter and spring troll fishery and Southeast AK net fisheries.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	6/30/06	\$209,761	Southeast
45246	Chilkat Sockeye Tagging	2002	Determine the location of mainstem spawners, accuracy of Chilkat Lake weir counts, and the rate of tagging mortality.	ADF&G, Sport Fish Division	RM&E	1/1/03	7/5/05	\$283,250	Southeast

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45247	Kake Lakes Project	2002	Estimate sockeye salmon escapement, estimate fry population, describe age and composition of adult and fry, and evaluate lake productivity.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	12/31/04	\$112,250	Southeast
45248	Evaluate Mass Mark Technology	2002	Evaluate the feasibility of marking salmon with strontium and calcein and recovering those marks with an electron microscope.	ADF&G, Commercial Fisheries Division	RM&E	1/1/03	6/30/07	\$70,467	Southeast
45249	Chilkat Jet Boat Study	2002	Quantify flow and turbidity distributions near riverbanks in the absence and presence of boating activity and conduct lab study of response of hatchling fish to flow and turbidity.	ADF&G, Sport Fish Division	RM&E	4/1/03	6/30/04	\$41,200	Southeast
45250	Southeast Salmon Local Knowledge	2002	Convert subsistence salmon data into an easily-usable, computer-based format, identify information gaps, and conduct training sessions on retrieving and using the data.	ADF&G, Subsistence Division	RM&E	7/1/03	6/30/07	\$98,917	Southeast
45251	Klag Lake Subsistence Sockeye	2002	Estimate sockeye salmon escapement and fry density, describe age, length, weight, and composition, and evaluate lake productivity.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	5/31/05	\$80,445	Southeast
45254	Chinook Sport and Net Fisheries	2002	Improve estimates of stock composition of all Chinook salmon fisheries in Southeast AK including sport and net, sublegal in the winter, and spring troll fisheries.	ADF&G, Commercial Fisheries Division	RM&E	7/1/03	5/31/07	\$330,000	Southeast
45255	DEC: Fish Safety Monitoring	2002	Monitor salmon for heavy metals and other persistent bioaccumulative toxins.	Department of Environmental Conservation (DEC)	RM&E	8/1/03	6/30/05	\$308,623	Statewide
45256	Jordan Creek Coho Monitoring	2002	Obtain precise estimates of total coho production, exploitation, and survival from a small stock in northern inside Southeast AK.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/07	\$174,954	Southeast
45257	Slippery Creek Coho	2002	Obtain precise estimates of total coho production, exploitation, and survival from a small stock in central inside Southeast AK.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/07	\$203,626	Southeast
45258	Alternative Methods Escapement Goals	2002	Develop an escapement goal for the Unuk River Chinook salmon stock using traditional spawner-recruit methods and compare to rearing and spawner capacity measurements and habitat-based approaches.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/06	\$108,000	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45259	Restoration Projects-Demo - Part 1	2002	Identify and plan several demonstration projects to showcase innovative fish habitat protection and restoration techniques not currently used in Southeast AK.	ADF&G, Sport Fish Division	HP&R	1/1/03	6/30/07	\$49,340	Southeast
45260	Monitoring Coho Salmon Smolt Yield	2002	Evaluate the use of smolt yield as a tool for measuring the relationship of habitat condition to coho salmon production.	ADF&G, Sport Fish Division	RM&E	7/1/02	6/30/07	\$293,550	Southeast
45261	Technical Assistance - Industry Plan	2002	Provides staff support to the AKSSF program to ensure that the Southeast AK salmon industry remains sustainable and that the highest priority issues and information needs are addressed.	ADF&G, Commercial Fisheries Division	PA	1/1/03	2/8/07	\$80,351	Southeast
45262	DIPAC: Chum Salmon Rearing Strategies	2002	Learn more about the early life history of DIPAC pink and chum fry immediately after release and determine if a modified rearing strategy could improve the marine survival of these fish.	Douglas Island Pink and Chum, Inc. (DIPAC)	CD: EN	4/1/04	12/31/05	\$199,820	Southeast
45263	Predation on Wild and Hatchery Chum Fry	2002	Examine the spatial and temporal incidence of piscine predation on chum salmon fry during their initial marine residency periods in nearshore and offshore habitats of Taku Inlet and adjacent waters, to allow comparisons of the relative abundance of the two stock types in the areas sampled.	ADF&G, Commercial Fisheries Division	RM&E	5/9/03	6/30/07	\$105,236	Southeast
45264	SSRAA: Increased Summer Chum	2002	Provide additional hatchery chum production, worth approximately \$1.3 million in annual harvest value.	Southern Southeast Regional Aquaculture Association (SSRAA)	CD: EN	6/1/03	6/30/04	\$600,180	Southeast
45265	DNR: Road Condition-Fish Passage - Year 1	2002	Collaborate with local, state, federal and tribal governments, landowners, and the timber industry to monitor and assess the condition of roads and stream crossings, including fish passage, and prioritize restoration efforts, on State, Mental Health Trust, University, municipal, and private lands.	Department of Natural Resources, Division of Forestry (DNR)	P&A	7/1/03	6/30/07	\$283,128	Southeast
45266	Fisheries Project and Issues Coordination - Phase 2	2002	Track and coordinate Pacific Northwest Endangered Species Act salmon issues as they relate to AK, oversee AK's utilization of PCSRF funds, and provide fisheries issues assistance to the Commissioner.	ADF&G, Office of the Commissioner	CD: PA	6/1/03	6/30/07	\$250,000	Statewide

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45267	DCED: Fisheries Economic Development Program for 2003	2002	This projects funds an infrastructure grant program for the Alaska salmon industry.	Department of Community and Economic Development (DCED)	EN	7/1/03	6/30/07	\$4,468,952	Southeast
45268	Taku Wild-Hatchery Chum Study	2002	Explore the relationship between wild Taku chum stocks and hatchery chum production from Douglas Island Pink and Chum, Inc. facilities in the Juneau area in an effort to determine whether there are effects on the wild stock.	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (Juneau Center) (UAF, SFOS)	RM&E	11/1/03	5/31/07	\$334,680	Southeast
45269	Marine Stewardship Council 2005 Recertification	2002	In accordance with Marine Stewardship Council requirements, ADF&G will contract with an accredited third party to conduct the five-year recertification inspections planned for 2006.	ADF&G, Commercial Fisheries Division	EN	1/1/05	6/30/07	\$147,026	Statewide
45271	KWC: Three Mile Basin Roads	2002	Implement erosion control and road closures at sites identified in the ADF&G road condition survey, to reduce fine sediment input to spawning and rearing habitat in Three-Mile Creek.	Craig Community Association for Klawock Watershed Council (KWC)	CD: HP&R	5/1/03	6/30/05	\$93,928	Southeast
45272	KWC: Hatchery Creek Erosion and Sediment Control	2002	Reduce erosion and sediment throughout the Hatchery Creek Basin to protect fish habitat. Stabilize erosion and reduce sediment from the Hatchery Creek Basin using the Erosion Control Plan.	Craig Community Association for KWC	CD: HP&R	7/1/04	12/31/05	\$41,922	Southeast
45273	KWC: Southeast Klawock Lake Area Roadway Management Project	2002	Deactivate and maintain roadways in Southeast Klawock Lake area. Install bridge to gain access to areas needing restoration. Remove drainage structures. Reduce erosion and sediment at 29 sites.	Craig Community Association for KWC	CD: HP&R	7/1/04	12/31/05	\$163,325	Southeast
45274	KWC: Three Mile Basin Roadway Management and Erosion Control Project	2002	A certified contractor will be hired for fish habitat stabilization activities which will include construction of water bars, removal of culverts, placement of erosion control measures, reestablishing ditches, and seeding in the Three-Mile Sub Basin within the Klawock Watershed.	Craig Community Association for KWC	CD: HP&R	9/30/05	12/30/06	\$79,236	Southeast

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45275	KWC: Klawock Watershed Project - Phase I	2002	The project will reduce the amount of sediment and erosion into streams in the basin, improving water quality and fish habitat. This phase of the project includes the installation of bridges and new culverts in the current road system.	Craig Community Association for KWC	CD: HP&R	4/1/06	6/30/07	\$116,263	Southeast
45276	KWC: Klawock River Trail	2002	This project is to build a foot trail that is handicap accessible the full length of Klawock River on the north side where sport fishing is heavy throughout the year. The riverbanks and tributaries are being destroyed by non-directed foot traffic causing excessive sediment being released into the river, causing riverbank erosion and completely destroying prime fish habitat.	Craig Community Association for KWC	CD: HP&R	3/31/06	6/30/07	\$5,140	Southeast
45277	Chilkoot Lake Sockeye Salmon Radio Telemetry	2002	The primary goal of this project is to monitor the sockeye salmon spawning escapement distribution into the Chilkoot River watershed with radio transmitters. The secondary goal of this project is to measure handling mortality of sockeye salmon at the Chilkoot River weir, as well as test the efficiency of the visual counts of fish at this weir.	ADF&G, Commercial Fisheries Division	RM&E	3/5/07	6/30/07	\$64,249	Southeast
45278	Southeast Salmon Management Support	2002	This project provides equipment, supplies, and repair services necessary to support Southeast AK salmon research and management programs of ADF&G's Region I Commercial and Sport Fisheries Divisions.	ADF&G, Commercial Fisheries and Sport Fish Divisions	RM&E	5/4/07	6/30/07	\$265,447	Southeast
45279	Haines Office/Lab Upgrades/Replacement - Year 4	2002	This project is a continuation of AKSSF Project 45702. The goal these projects is to replace the existing substandard Haines office with a new 1,700 sq. ft. energy efficient upgraded modular facility that is comprised of office/work spaces, a small public meeting/conference room, a functional dry lab for fisheries research, additional storage, and upgraded communications and technology capabilities. Additionally, we will improve safety and reduce any environmental fuel spill impacts to the area with the installation of an explosion proof fuel storage unit with built-in secondary containment features.	ADF&G, Office of the Commissioner	O&E	5/8/07	6/30/07	\$93,547	Southeast
45282	DEC: Alaska Clean Water Actions Year 1 (ACWA)	2002	The ACWA program brings the State resource agencies (DEC, ADF&G, and the Department of Natural Resources) together to deal with our waters in a coordinated and cooperative method, via a competitive grant program. This project represents ADF&G's contribution to fund for three years projects in Southeast AK with emphasis on priority salmon waters.	Department of Environmental Conservation (DEC)	HP&R	7/1/04	6/30/07	\$130,418	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45283	Salmon Publication Teacher's Guide and Distribution - Year 2	2002	<i>AKSSF Project 45029 funded the production "Alaska's Wild Salmon" and associated teacher's guide. This project is to ensure adequate funding remains available for distribution and possible reprinting of this volume.</i>	ADF&G, Office of the Commissioner	O&E	7/1/04	6/30/07	\$39,256	Statewide
45284	DCED: Salmon Marketing Program - Part 4	2002	Funds projects that will improve the marketing of Alaskan salmon, including promotional activities, familiarization tours, trade shows, related marketing travel, packaging and label design, product sampling, and personnel costs.	Department of Community and Economic Development (DCED)	EN	1/1/04	6/30/07	\$660,078	Southeast
45285	DNR: Canadian Mine Project Review - Year 1	2002	Supports DNR's Large Mine Team's review of the Tulsequah Chief, Galore Creek, Shaft Creek, and possibly other mine projects in British Columbia that have the potential to impact water quality and fisheries resources.	Department of Natural Resources (DNR)	P&A	3/1/04	6/30/07	\$78,800	Southeast
45286	ASMI: Wild Alaska Salmon Campaign	2002	Create a marketing and consumer education campaign using various media: national TV networks, cable TV, national magazines, and newspapers. This will include initial research to plan the strategy for a series of campaigns throughout 2004 and 2005.	Alaska Seafood Marketing Institute (ASMI)	EN	10/1/04	6/30/06	\$2,060,000	Statewide
45287	Craig: Port St. Nick Hatchery	2002	Construct a small Chinook enhancement facility adjacent to the City of Craig water treatment plant. Initially produce 250,000 Chinook smolts for release into the Port St. Nicholas River, with an estimated 6,250 adult returns, at an expected \$100 value per fish to the local economy.	City of Craig	CD: EN	11/1/04	6/30/07	\$173,958	Southeast
45288	Information Exchanges - Year 2	2002	Continue to facilitate exchanges between organizations having shared interests in Pacific salmon in the Pacific Northwest and Southeast AK. Complete and distribute video and associated written materials regarding shared salmon resources.	ADF&G, Office of the Commissioner	O&E	7/1/05	6/30/07	\$7,260	Southeast
45289	Columbia River Inter-Tribal Fish Commission: Stock Assessment and Research Plan for Mid-Columbia River Summer Chinook - Part 2	2002	Obtain biological information on natural production of the Columbia River Summer Chinook population. Obtain detailed production information on the Methow River including adult escapement and juvenile outmigration estimates. Detailed field operation programs will be operated and supervised by Columbia River Inter-Tribal Fish Commission.	ADF&G, Commercial Fisheries Division	RM&E	5/1/05	6/30/06	\$113,300	Columbia River

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45291	Salmon Habitat Surveys Lakes and Streams - Part 3	2002	This project involves the systematic and comprehensive evaluation of essential fish habitats in freshwater ecosystems; documents/catalogues anadromous water bodies; and identifies location of critical and essential spawning/rearing/migration habitats. The project will collaborate with landowners and managers, and other agencies.	ADF&G, Sport Fish Division	P&A	9/1/05	6/30/07	\$156,477	Southeast
45292	DCCED: Targeted Fisheries Assistance Program - Southeast Shelf Life Extension	2002	Eligible projects will be those that address the limited shelf life of fresh and frozen salmon from harvesters through the end users. Potential awards will include demonstration systems in the water or ice used in a processing plant, project using modified atmosphere packaging for fresh shipments, project moving shelf-life-extended fillets overland, and projects upgrading chilling capability of harvesting, tendering, or transporting vessels.	Department of Commerce, Community, and Economic Development (DCCED)	EN	10/1/05	6/30/07	\$973,855	Southeast
45293	Chilkat River Adult Fall Chum and Coho Salmon Assessment	2002	Funding for this project will be used to operate the Chilkat fish wheels during the fall of 2006 to count and sample fall chum and coho salmon for age, sex, and length. In addition, all coho will be examined for missing adipose fins. Over 26,000 coho salmon smolt were given a coded-wire tag and an adipose fin clip prior to being released back into the Chilkat River in 2005. Those fish will be returning as adults in 2006; we need to know the proportion with coded-wire tags to estimate smolt production and adult harvest for this stock.	ADF&G, Commercial Fisheries Division	RM&E	7/1/06	6/30/07	\$75,397	Southeast
45294	Blossom River Chinook Salmon Escapement - Year 2	2002	Estimate the escapement of Chinook salmon in 2006. This proposal will assist in defining the Blossom River-specific expansion factor and the inter-annual variability of the peak survey index.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/07	\$34,940	Southeast
45295	Nakwasina River Coho Stock Assessment - Year 2	2002	In the fall of 2006, a crew of two will capture returning adult coho inriver and inspect them for presence or absence of coded-wire tags that were applied in spring 2005. Adult escapement will be estimated simultaneously through the use of an open population mark-recapture experiment. These efforts, in conjunction with sampling of the marine fisheries will provide annual estimates of smolt abundance, harvest distribution, escapement, exploitation, survival, and timing.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/07	\$64,999	Southeast

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45296	Amlaga Harbor Net Pen Complex	2002	Overcrowding has resulted in density-related problems that threaten the health and survival of rearing salmon fry. The site is also vulnerable to severe spring storms which threatens the safety and integrity of the net pen complex. Development of a new pen complex, with more pens to reduce rearing densities and better engineering to withstand extreme weather conditions, is critical in order to insure the long-term success of the program.	Douglas Island Pink and Chum, Inc. (DIPAC)	EN	7/1/06	6/30/07	\$412,000	Southeast
45297	MOA: Chester Creek Aquatic Ecosystem Restoration, Westchester Lagoon to Cook Inlet - Phase 1, Part 1	2002	Improve fish passage at the Chester Creek outfall to the Knik Arm of Cook Inlet. The Chester Creek Aquatic Ecosystem Restoration Project has two phases: Phase one - utility relocation/partial channel construction, and Phase two - channel restoration with a culvert installation to restore the Chester Creek channel allowing for increased fish passage.	Municipality of Anchorage (MOA)	CD: EN	1/15/06	6/30/07	\$1,941,748	Central (Cook Inlet)
45298	Fisheries Long Term Business Plan	2002	Funds will be used to generate a strategic plan that will advise the State of Alaska in fulfilling its charge to maximize the value of AK salmon resources to Alaskans.	Alaska Seafood Marketing Institute (ASMI)	EN	10/20/06	6/30/07	\$77,250	Southeast
45299	Atlantic Salmon and Invasive Species Prevention - Part 3	2002	The four objectives of this project will increase capacity to address invasive species threats to Southeast AK salmon resources: continue mapping intertidal areas in coastal Southeast AK developing baseline ecological information; complete a Yakutat pike eradication plan and begin implementation; develop public service announcements regarding identification of invasive Atlantic salmon; and snorkel survey the Situk River drainage for the presence of young Atlantic salmon.	ADF&G, Office of the Commissioner	CD: P&A	2/1/07	6/30/07	\$205,353	Southeast
45203	Chinook Parasite Effects	2002	Study the effects of <i>Ichthyophonus</i> on survival and reproductive success of Chinook salmon in the AYK area.	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/02	6/30/07	\$500,000	AYK (Upper Kuskokwim River)
45222	AYK: National Academy of Sciences - Analysis and Review	2002	The National Academy of Sciences will assist the AYK SSI in developing a high-quality, long-term restoration and research plan for the AYK region.	National Academy of Sciences	CD: RM&E	3/1/03	2/28/06	\$642,252	AYK (Upper Kuskokwim River)
45223	AYK: Kuskokwim Salmon Population Estimates	2002	Estimate total abundance of chum, sockeye, and coho salmon in the Kuskokwim River upstream from Kalskag.	ADF&G, Commercial Fisheries Division	CD: RM&E	4/1/03	11/30/04	\$203,892	AYK (Upper Kuskokwim River)

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45226	AYK: Satellite-derived Environmental Database	2002	Produce an oceanographic database of the Eastern Bering Sea spanning the years 1987-present.	Ocean Imaging Corporation	CD: RM&E	5/1/03	9/30/04	\$78,582	AYK (Upper Kuskokwim River)
45228	AYK: Kuskokwim Salmon Subsistence Surveys	2002	Collect subsistence salmon harvest data for the 2003 fall survey period, covering all communities in the Kuskokwim area except Bethel.	ADF&G, Subsistence Division	CD: RM&E	7/1/03	12/31/04	\$104,639	AYK (Upper Kuskokwim River)
45346	AYK: Salmon Research Planning Support - Phase 2	2003	The focus of this project is the implementation of the AYK SSI. Specifically, this project will conduct a set of activities that will implement the AYK SSI by providing the necessary staffing support and funding for the Steering and Scientific Technical Committees to implement the AYK Research and Restoration Plan and to effectively review, approve, research projects to support sustainable management of western AK's salmon fisheries.	Bering Sea Fishermen's Association	CD: P&A	7/24/07	6/30/08	\$474,446	AYK
45347	AYK: Risk Assessment - Phase 1	2003	The overall goal of this project is to develop a risk-assessment framework for AYK pink and chum in order to help identify appropriate harvest rules and data-analysis methods that will deal with changes in productivity of AYK stocks in the future.	University of Rhode Island, Graduate School of Oceanography	CD: RM&E	9/1/07	6/30/08	\$54,644	AYK
45348	AYK: Region Management & Research Support	2003	This project provides funding in support of salmon research and management projects in the AYK Region. It provides funding for salaries, supplies, and materials needed for efficient operation of many projects across the AYK Region.	ADF&G, Sport and Commerical Fish Divisions	CD: RM&E	5/1/08	6/30/08	\$487,604	AYK
45349	AYK: Kuskokwim River Coho - Phase 1 of 3	2003	This project conducts (in three phases) a radio-telemetry mark-recapture study on Kuskokwim River coho salmon. The completion of all three phases will allow assessment of the distribution, abundance, and stock specific parameters for Kuskokwim River coho salmon. Phase 1 initiates the purchasing of supplies and services necessary for project activities.	ADF&G	CD: RM&E	5/1/08	6/30/08	\$85,911	AYK (Kuskokwim River)
45355	MOA: Ship Creek Restoration and Access Project, Schedule C - Part 1	2003	The MOA proposes to stabilize selected creek banks, prevent bank trampling, and direct fishing access from the new MOA Bridge near Ship Creek Point to the vicinity of the Knik Arm Power Plant Dam.	Municipality of Anchorage (MOA)	CD: HP&R	10/1/07	6/30/08	\$187,566	Southcentral (Cook Inlet)

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45356	DCCED: Targeted Fisheries Assistance Program - Southeast Shelf Life and Vessel Quality - Part 4	2003	Eligible projects will be those that address both the limited shelf life of fresh and frozen salmon from harvesters through the end users, and the quality handling capabilities for salmon harvesting and tendering vessels in Southeast AK.	Department of Commerce, Community, and Economic Development (DCCED)	EN	7/1/07	5/30/08	\$367,243	Southeast
45357	DCCED: Alaska Salmon Marketing Grant Program	2003	Grantees were selected via a competitive application process intended to assist Alaskan salmon marketers to fund industry's "best thinking" on how to most effectively market wild salmon from Southeast AK.	Department of Commerce, Community, and Economic Development (DCCED)	EN	12/5/07	06/30/08	\$276,339	Southeast
45358	DCCED: Fisheries Economic Development Grant Program - Part 4	2003	Funds projects that will improve the infrastructure of the salmon fishery and enable Alaskan producers to better compete in changing world markets.	Department of Commerce, Community, and Economic Development (DCCED)	EN	12/5/07	06/30/08	\$545,976	Southeast
45359	DCCED: Targeted Fisheries Assistance Program - Southeast Salmon Vessel Quality Upgrade Program	2003	Improving chilling at the point of capture is a primary objective. Eligible projects include refrigerated seawater systems, hold insulation, freezers, and other quality upgrades.	Department of Commerce, Community, and Economic Development (DCCED)	EN	12/7/07	06/30/08	\$375,185	Southeast
45360	ASMI: Alaska Salmon Sustainability Education	2003	The Alaska Seafood Marketing Institute (ASMI) has identified a need to provide sustainability information to seafood consumers. This project will promote wild Alaska salmon and salmon products with a campaign designed to educate the retail trade and the consumer regarding sustainably managed Alaska salmon in the domestic market.	Alaska Seafood Marketing Institute (ASMI)	EN	1/14/08	06/30/08	\$461,440	Statewide
45361	Marine Stewardship Council 2007-2008 Annual Surveillance Audit	2003	In October 2007, AK's commercial salmon fisheries were recertified as in compliance with the Principles and Criteria for Sustainable and Well Managed Fisheries set forth by the Marine Stewardship Council. As part of the recertification, ADF&G agreed to contract with a third party accredited by Marine Stewardship Council to conduct required annual surveillance audits. The first of these audits will be performed in the winter/spring of 2007 - 2008, and, in addition to the standard review of fishery compliance, will include a focus on progress in meeting recommendations and conditions found in the recently completed five-year recertification by Scientific Certifications Systems.	ADF&G, Office of the Commissioner	EN	11/15/07	06/30/08	\$31,284	Statewide

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45362	Beaver Creek Fish Passage Improvement	2003	This project will improve fish passage for juvenile salmonids at the Bald Mountain Road crossing by replacing the existing perched culvert with a larger, properly installed culvert.	ADF&G, Sport Fish Division	CD: HP&R	4/17/08	6/30/08	\$39,246	Southcentral (Cook Inlet)
45364	YRDFA: Rapids Research Center Technical Training & Assistance	2003	This project will provide technical and training assistance at the RRC in the Upper Yukon management area for the development of training materials and the training of students at the RRC, in part, to collect ASLWG data and tissue samples for the detection of Ichthyophonus disease in Chinook and chum salmon.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	5/29/08	6/30/08	\$5,961	AYK (Upper Yukon River)
45366	Hidden Creek Headwall	2003	This project will purchase the concrete headwall that will be installed at the inlet of a new 17.4-foot wide multi-plate pipe-arch culvert. The headwall was determined to be necessary by DOT engineers to support and stabilize the new larger culvert. The headwall structure will be installed (with separate funding) by Alaska Dept. of Transportation/Public Facilities (ADOT) as part of the existing Hidden Creek Fish Passage Improvement project, AKSSF project #45430.	ADF&G, Sport Fish Division	HP&R	4/27/08	6/30/08	\$11,021	Southcentral (Cook Inlet)
45402	YRDFA: Planning Project	2003	Identify projects to sustain and/or restore salmon stocks and salmon fisheries in the Yukon River area. Planning efforts will be coordinated with other entities involved with salmon resource and social issues in the Yukon River drainage.	Yukon River Drainage Fisheries Association (YRDFA)	CD: P&A	9/1/03	6/30/04	\$50,353	AYK (Yukon River)
45403	YRDFA: Grayling In-Season Subsistence	2003	Document the subsistence salmon harvest for the community of Grayling. Gather harvest timing and post-season survey information. Managers will be able to access important harvest information in-season to facilitate management decisions and ensure that all Yukon River users meet their goals.	YRDFA	CD: RM&E	6/1/04	6/30/05	\$16,109	AYK (Lower Yukon River)
45404	YRDFA: Fort Yukon Subsistence Monitoring	2003	Learn about and monitor the harvest, timing and fishing locations of the subsistence fishery in the Ft. Yukon area. Collect related harvest information. Determine locations of fall chum harvests relative to the confluence of the Porcupine River within the Yukon.	YRDFA	CD: RM&E	6/1/04	6/30/06	\$39,114	AYK (Upper Yukon River)

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45405	YRDFA: Local Fisheries Technicians	2003	Fund local Fisheries Technicians (FT) to work with ADF&G. Provide local Yukon River resident involvement at various test fishery locations within the Yukon River Drainage. In addition to this, the YRDFA staff biologist will travel to each test fishery site location to meet with the local FT to learn about the project to gain YRDFA institutional knowledge of the various test fisheries on the Yukon River.	YRDFA	CD: RM&E	6/1/04	6/30/07	\$203,844	AYK (Upper Yukon River)
45406	YRDFA: Depth and Temperature Data of Tagged Chinook	2003	Local fishers will capture Chinook salmon near the village of Russian Mission. Project personnel will tag selected fish with radio-archival tags that record swimming depth and water temperature. Remote tracking stations will track the fish, and aircraft will be used to locate and recover the tags to download the archival data.	YRDFA	CD: RM&E	6/1/04	6/30/05	\$26,143	AYK (Lower Yukon River)
45407	YRDFA: Henshaw Creek Resistance Board Weir	2003	Enumerate the daily and seasonal escapement of adult Chinook and summer chum in Henshaw Creek, describe their run timing, describe their age, sex, and length compositions, serve as a training platform for YRDFA's fisheries technicians, and enumerate resident fish (northern pike, longnose suckers, and whitefish) passing the weir.	YRDFA	CD: RM&E	6/1/04	6/30/05	\$23,070	AYK (Upper Yukon River)
45408	YRDFA: Gear Survey Yukon River Chinook	2003	Survey fishers along the river to determine gillnet mesh sizes, depth of nets, numbers and location of fish wheels, and the time they are used. Visit fishing camps and buying stations to verify mesh sizes of commercial and subsistence gear. As the Chinook run progresses upriver, the sampling crew would follow the migration.	YRDFA	CD: RM&E	6/1/04	6/30/06	\$25,319	AYK (Yukon River)
45409	YRDFA: Andreafsky River Resistance Board Weir	2003	Data describing the coho salmon run in the East Fork, Andreafsky River will provide state and federal managers with information to regulate the harvest and to provide for sufficient escapement. This stock is a surrogate for modeling other coho stocks in the lower Yukon.	YRDFA	CD: RM&E	6/1/04	6/30/05	\$10,083	AYK (Lower Yukon River)
45410	YRDFA: Subsistence Assistance Post Season	2003	Hire 15 to 33 individuals that will assist with local logistics, conduct follow-up surveys, and help bridge any cross-cultural gaps between surveyors and residents as the subsistence surveys progress from village to village.	YRDFA	CD: RM&E	6/1/04	6/30/07	\$28,344	AYK (Yukon River)

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45411	YRDFA: <i>Ichthyophonus</i> Planning Yukon and Bering Sea	2003	Bring together various investigators and stakeholders to assess what we know about <i>Ichthyophonus</i> , based on the concept that many people have answers to the parts of this puzzle but no one has answers to all the parts. Identify the important information gaps, and create a research plan to investigate the priority elements identified.	YRDFA	CD: RM&E	6/1/04	6/30/05	\$16,952	AYK (Yukon River)
45412	YRDFA: Gear Selection Subsistence Chinook	2003	The Federal Subsistence Board adopted regulations allowing drift gillnetting in federal waters in Yukon River Districts 4-B and 4-C. The potential biological impacts and shifts in stock composition of the harvests caused by this change are unknown and a cause for concern. Tissue samples will be collected from individual Chinook salmon representatively sampled from several subsistence fisheries. Composite genotypes will be assayed for individuals in each collection, and stock composition estimates will be provided.	ADF&G, Commercial Fisheries Division	CD: RM&E	6/1/05	9/30/06	\$37,483	AYK (Yukon River)
45413	YRDFA: Fish Wheel Training	2003	The candidate for new fishwheel operator needs to be trained in operation skills of both the fishwheel and the video monitoring equipment. This project will enable training to occur by the previous operator of the fishwheel and compensate him for his time.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/24/05	6/30/06	\$2,258	AYK (Yukon River)
45414	YRDFA: Quality Training for Yukon Fishermen - Part 1	2003	Through trainings and informational sessions, commercial fishermen on the Yukon River will be provided with information means and methods to increase the quality of their catch. Meetings will also take place with the processors to learn more about their practices in order to create a working partnership towards progress at the different levels of fish handling.	YRDFA	CD: EN	6/1/05	6/30/07	\$9,891	AYK (Yukon River)
45415	Coffman Cove: Chinook - Phase II	2003	The goal of this project is to increase local Chinook catch near the City of Coffman Cove for the economic benefit of the community. The intent is to operate a release sight for 0-age Chinook from net pens in saltwater in Coffman Bay. This project activity includes partial retrofitting of Port St. Nicholas incubation room and rearing area to accommodate Coffman Cove production for 2006, as well as the acquisition and set-up of net pens.	City of Coffman Cove	CD: EN	9/22/06	6/1/08	\$202,331	Southeast

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45416	Southeast Region Fresh Seafood Air Transportation Project	2003	The objective of this project is to increase southbound airfreight capacity for salmon. This means refrigerated or insulated cargo capacity and provision of service at appropriate and predictable times. An association of processors has expressed an interest in combining their efforts and products to establish a program which will attract additional Southeast AK airfreight capacity. In addition, there are other parties that would be interested in airfreight improvements including various gear groups, individual catcher-shippers, and transportation companies.	Southeast Conference	EN	12/10/06	6/30/07	\$36,050	Southeast
45417	Anchorage Hatchery Upgrades	2003	Mitigate for loss of heat at the Fort Richardson Hatchery through the design and installation of a supplemental heating system. A qualified engineering firm will be engaged to conduct a full study of the Fort Richardson/Elmendorf Hatchery program as well as a possible new Fairbanks hatchery, and to develop facility design options.	ADF&G, Sport Fish Division	CD: EN	7/1/03	12/31/04	\$966,422	Central (Cook Inlet)
45418	Stikine Chinook Mark-Release - Rock Island	2003	Returning Stikine River Chinook salmon will be captured in set gillnets, measured, sampled for scales, tagged, inspected for adipose fin clips, and released. Tagged fish will be recaptured in the Canadian test fishery. Mark-recapture data will be used to estimate in-season abundance.	ADF&G, Sport Fish Division	RM&E	7/1/03	6/30/05	\$120,291	Southeast
45419	Sport Fish Hatchery Development	2003	Determine the effect of groundwater iron and manganese on cultured fish and select an appropriate removal method for operating a large hatchery. Engage a qualified engineering firm to conduct a full study of the Sport Fish hatchery program, including a possible new Fairbanks hatchery, and develop design options.	ADF&G, Sport Fish Division	CD: EN	7/1/03	6/30/05	\$492,920	AYK (Upper Yukon River)
45420	Northern Boundary Sockeye Stock ID - Part 3	2003	Develop DNA baselines for sockeye salmon populations from Southeast AK and Canada that contribute to the Northern Boundary fisheries. Fin tissues will be assayed for DNA markers. Analyze the ability of these reporting groups to discriminate between AK and Canadian sockeye salmon stocks for potential application to mix-fishery analysis.	ADF&G, Commercial Fisheries Division	RM&E	1/1/04	12/31/06	\$274,988	Southeast
45421	District 101 Sockeye Stock ID	2003	Estimate the contribution and time and area distribution of Hugh Smith Lake sockeye salmon to the District 101 gillnet and seine fisheries in Revillagigedo Channel, through sampling sockeye salmon otoliths at cold storage facilities in Ketchikan or on the fishing grounds.	ADF&G, Commercial Fisheries Division	RM&E	5/1/04	6/30/06	\$109,603	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45423	Fish Passage Restoration Project Monitoring	2003	Identify road-stream crossing sites where upstream access to productive fish habitats is inaccessible or limited by inadequately maintained or poorly designed culverts for fish passage. Provide technical assistance and administrative support in the development of a protocol for prioritizing road-stream crossing sites for restoration.	ADF&G, Sport Fish Division	CD: HP&R	1/15/04	6/30/04	\$29,455	Central (Cook Inlet)
45424	Fish Passage Restoration Project Development	2003	Provide technical support and administrative oversight for fish passage restoration projects. Reestablish access to historically occupied salmonid habitats in the Kenai Peninsula, reduce sediment delivery within associated streams, improve aquatic habitat quality, and develop a monitoring protocol to track project performance.	ADF&G, Sport Fish Division	CD: HP&R	7/1/04	6/30/08	\$360,592	Central (Cook Inlet)
45425	Kenai Peninsula Dam Evaluation	2003	Identify dams on the Kenai Peninsula that inhibit access to potentially productive upstream habitat. Develop a process for evaluating and prioritizing for fish passage restoration. Provide written report with recommendations for future restoration projects and database.	Kenai Peninsula Economic Development Corporation	CD: P&A	3/1/05	12/31/05	\$49,727	Central (Cook Inlet)
45426	Fish Passage Improvement - Slikok Creek	2003	This project will reestablish free and efficient access to 10.49 miles of historically occupied salmonid habitats in Slikok Creek, reduce sediment delivery within associated streams, and improve aquatic habitat quality.	ADF&G, Sport Fish Division	CD: HP&R	3/1/06	12/31/07	\$238,342	Central (Cook Inlet)
45427	Bean Creek Fish Passage Restoration	2003	This project includes the engineering design and removal of a culvert barrier in Bean Creek that impedes upstream movements of juvenile salmon, thus restricting access to important and productive fish habitat. Project will replace a barrier culvert with a fish-friendly culvert. Project site will be re-vegetated to stabilize the disturbed streambanks and prevent erosion and adverse effects to stream water quality.	ADF&G, Sport Fish Division	CD: HP&R	7/24/06	5/31/08	\$12,509	Central (Cook Inlet)
45428	Fish Passage Improvement - Mink Creek	2003	This project replaces a perched culvert in the Mink Creek drainage within the Kenai National Wildlife Refuge on the Kenai Peninsula. PAD 21B-16 Road crosses Mink Creek, approximately 0.5 miles upstream of the stream's confluence with the Swanson River, an important sport fishery and a primary component of the Cook Inlet commercial salmon fishery.	ADF&G, Sport Fish Division	CD: HP&R	7/23/07	6/30/08	\$56,238	Central (Cook Inlet)
45429	Fish Passage Improvement - Doghouse and Swan Creeks	2003	This project replaces a perched culvert in the Doghouse Creek drainage within the Kenai National Wildlife Refuge on the Kenai Peninsula and reinstalls a perched culvert on Swan Creek in the same area.	ADF&G, Sport Fish Division	CD: HP&R	7/23/07	6/30/08	\$97,750	Central (Cook Inlet)

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45430	Hidden Creek Fish Passage Improvements	2003	The project will remove the existing perched culvert and install a new 17.4-foot wide multi-plate pipe-arch culvert, 85 feet in length, utilizing a modified stream simulation design. Project area stream banks and the road prism will be stabilized and re-vegetated where necessary. The original culvert will be retained during excavation and installation of the new culvert. The new structure will be installed by Alaska Dept. of Transportation/Public Facilities (ADOT) at approximately the same location but a short distance to the west in a manner that will be aligned to allow for a more direct entry into the culvert for fish migrating upstream.	ADF&G, Sport Fish Division	CD: HP&R	4/24/08	6/30/08	\$53,590	Central (Cook Inlet)
45431	Coded-Wire Tagging Manual	2003	Funds the completion of a manual that will detail all the planning, capture, and tagging aspects needed to conduct a successful coded-wire tagging project.	ADF&G, Sport Fish Division	RM&E	3/16/04	6/30/07	\$49,696	Statewide
45432	Yakutat Coho Coded-Wire Tag and Escapement	2003	Coho salmon smolts will be coded-wire tagged in the Situk, Ahrnklin, and Lost Rivers near Yakutat, and spawning escapement will be estimated in the Ahrnklin River. The objective is to obtain harvest and escapement estimates in inshore and offshore fisheries.	ADF&G, Commercial Fisheries Division	RM&E	4/15/04	12/31/06	\$130,295	Southeast
45433	Blossom River Chinook Escapement - Year 1	2003	Re-implement a mark-recapture program to estimate the total escapement of Chinook salmon to the Blossom River for two years. Provide estimates of total escapement and verify aerial survey. Data will be used to revise escapement goals and improve fishery management.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/07	\$102,500	Southeast
45434	Salmon Lake Coho Stock Assessment	2003	A weir will be established at the outlet of Salmon Lake and coho salmon enumerated between August 15 and October 31. An in-lake mark-recapture approach will be used to estimate the 2004 escapement, smolt production, survival, and exploitation.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/06	\$100,000	Southeast
45435	Stikine River Chinook Telemetry	2003	Evaluate current methods to estimate escapement and identify critical spawning habitat. Capture adult Chinook in gillnets in the lower Stikine as part of a mark-recapture study to estimate spawning abundance. Radio tag and track Chinook in the Stikine during 2005.	ADF&G, Sport Fish Division	P&A	7/1/04	6/30/06	\$26,340	Southeast

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45436	POWHA: Klawock Weir Improvements	2003	Install an improved superstructure to the Klawock weir. The face of the weir needs to be angled back to 45° or less so there is more surface area for water to flow through the pickets. This will hold the weir in place, help control erosion underneath, and clear debris from the face. A fixed bottom channel is needed to secure the weir to the river bottom.	Prince of Wales Hatchery Association (POWHA)	RM&E	2/10/04	6/30/04	\$27,501	Southeast
45437	Falls and Klawock Sockeye Assessment	2003	Oversee six sockeye salmon assessment projects for three years. Funds positions responsible for proposals, progress reports, budgets, general research direction, presentations to the public and subsistence councils, plus fieldwork including training, forms, protocols, and crew scheduling.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	12/31/07	\$339,755	Southeast
45438	ASLC: New Technologies for Increasing Smolt Survival in Pacific Salmon - Year 1	2003	ASLC, in collaboration with MariCal, Inc. of Portland, Maine, ADF&G, and Cook Inlet Aquaculture Association, proposes to rear and release 275,000 coho smolt from the ASLC into Resurrection Bay. The specific objective is to evaluate the potential for new technology developed by MariCal, Inc. to increase ocean survival and adult returns of coho and Chinook salmon.	Alaska SeaLife Center (ASLC)	CD: EN	3/8/04	12/31/06	\$990,000	Central (Cook Inlet)
45439	Domestication Selection in Southeast Chinook	2003	University of Alaska - Fairbanks will analyze the genetics of returning Chinook from Little Port Walter hatchery on Baranof Island in comparison to the wild stocks from which the hatchery brood stock was taken in the 1970's. The intent is to determine if there is any divergence among these populations which could indicate domestication behavior and an implied reduction of the "fitness" of the hatchery fish.	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (Juneau Center) (UAF, SFOS)	RM&E	4/15/04	5/31/07	\$116,201	Southeast
45440	ADF&G Vessel Maintenance Facility - Construction	2003	Construct a vessel maintenance facility located in Juneau, AK to be used for the maintenance and repair of vessels and the design and maintenance of field equipment and supplies.	ADF&G, Division of Administration	EN	4/1/04	12/30/06	\$681,880	Southeast
45441	Stikine Sockeye Radio Telemetry	2003	Upstream migrating adult sockeye will be caught at Rock Island Eddy, approximately 13 km downstream of the U.S./Canada border, tagged, and marked with FLOY tags before being released. Stationary radio tracking receivers will be placed at 13 upstream sites to determine success of migration of tagged fish. Aerial tracking flights will estimate spawning locations.	ADF&G, Commercial Fisheries Division	RM&E	4/1/04	3/2/07	\$78,770	Southeast

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45442	Chilkat Lake Sockeye Escapement	2003	Operate ADF&G fish wheels to capture chum salmon for tagging in the fall, as well as recovery efforts on spawning grounds late into the sampling season. Operating the Chilkat River fish wheel project for monitoring and estimating escapement and age, sex, and length composition of Chilkat River sockeye.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$184,498	Southeast
45443	Hugh Smith and Ketchikan Sockeye Escapement	2003	Estimate the spawning escapement of sockeye into Hugh Smith Lake and evaluate rehabilitation efforts there. Index the spawning escapements of sockeye into McDonald and Salmon Lakes.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$151,387	Southeast
45444	Traitors Pink Escapement	2003	A two-sample mark-recapture population study will be conducted to estimate the spawning population of pink salmon at Traitors Creek. This will be compared to peak aerial survey estimates and to peak observer bias-adjusted survey estimates.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$53,557	Southeast
45445	Chilkat Lake Sockeye Weir	2003	Provide management with an escapement assessment of sockeye salmon to the Chilkat Lake drainage, and to evaluate and update existing biological escapement goals. Sockeye will be examined for marks applied from the lower Chilkat River fish wheel project at the Chilkat Lake weir site.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$179,978	Southeast
45446	Chilkat Stock Assessment Biologist	2003	Serve as project leader for three Chilkat River stock assessment projects. These mark-recapture projects utilize two fish wheels to sample and mark sockeye and chum. The recovery of marked fish on the spawning grounds and the sampling of marked sockeye at the Chilkat Lake weir allows for escapement estimation and the ability to monitor salmon migration in season.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/06	\$67,936	Southeast
45447	Coded-Wire Tag Lab Support	2003	The workload of the ADF&G Coded-Wire Tag Lab has increased because of additional tagging programs, recent large returns of Chinook and coho salmon, and from effects of mass marking programs instituted elsewhere along the Pacific coast. This project would support the increased costs.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/08	\$99,999	Statewide
45448	Chickamin Chinook Mark Recapture	2003	The escapement of Chinook salmon will be estimated in the Chickamin River from 2004-2007 by implementing a mark-recapture study. The age, sex, and length composition will also be estimated. Fish are captured and tagged in the lower river and then later inspected for recovery of tags upriver on spawning grounds.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/08	\$274,927	Southeast

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45449	Chinook Age Sex Length - Year 1	2003	King Salmon and Keta Rivers, and Andrew Creek are three of 11 Chinook escapement index stocks used by ADF&G and the Chinook Technical Committee for assessing escapement abundance. Sufficient samples will be collected from post-spawning fish in each river in 2004 and 2005 to estimated escapement by age and sex.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/07	\$91,815	Southeast
45450	Stock Assessment Assistant Sport Fish	2003	Assist in planning and operation of salmon stock assessment projects (coded-wire tagging and adult escapement mark-recapture) on the Stikine River, support for other salmon stock assessment projects in Southeast AK, conversion of the tagging and age, sex, length database, and technical analyses.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/06	\$50,000	Southeast
45451	Stikine Chinook Coded-Wire Tag - Year 2	2003	Chinook salmon smolt from brood years 2003 and 2004 will be coded-wire tagged in spring 2005 and 2006, respectively, and tagged fish from each brood year will be recovered inriver and in marine fisheries through 2010 and 2011.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/06	\$126,990	Southeast
45452	Ford Arm Lake Coho and Sockeye - Year 1	2003	Escapement, harvest, juvenile abundance, survival, and age, length, and sex composition are estimated for Ford Arm Lake coho salmon. The abundance and age, sex, length composition of the sockeye escapement are also estimated. Escapement goals will be developed and refined and management models developed.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$138,969	Southeast
45453	UFA: Subsistence Program - Year 2	2003	Foster public awareness of and involvement in, the federal subsistence regulatory and management programs in AK. The value to the public derives from a better understanding of subsistence regulations and an increased participation in the regulatory process, resulting in improved coordination between State and Federal management.	United Fishermen of Alaska (UFA)	CD: O&E	3/1/04	12/31/04	\$99,000	Statewide
45454	DCED: Asian Salmon Marketing	2003	Fund a development specialist to work in Korea, Taiwan, and Hong Kong to facilitate sales by introducing buyers and sellers with a focus on moving large volumes from the most troubled salmon species (pink and chum). Educate the public, restaurant, institutional consumers, and importers about the advantages of AK's products, and educate suppliers about Asian markets.	Department of Community and Economic Development (DCED)	CD: EN	3/15/04	10/2/07	\$340,033	Statewide

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45455	Chilkat River Adult Coho Mark-Recapture	2003	Adult coho will be sampled from the Chilkat River escapement in 2004 to estimate the age, sex, and length composition, and to determine the fraction marked with coded-wire tags implanted as smolt in spring 2003.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/06	\$76,903	Southeast
45456	Chilkat River Chinook and Coho Smolt Coded-Wire Tag	2003	Chinook and coho salmon smolt will be trapped in the lower Chilkat River and coded-wire tagged in spring of 2005. Tagged fish will be recovered inriver and in marine fisheries as they return as adults.	ADF&G, Sport Fish Division	RM&E	7/1/04	6/30/06	\$156,740	Southeast
45457	Chuck Creek Coho Escapement - Year 1	2003	Emigrating coho smolt will be captured and coded-wire-tagged. Commercial and sport fisheries will be sampled for tagged fish to obtain harvest estimates. Returning mature fish will be captured with a weir and will be inspected for tags.	ADF&G, Sport Fish Division	RM&E	7/1/05	6/30/07	\$74,951	Southeast
45458	Nakwasina River Coho Stock Assessment - Year 1	2003	An open population mark-recapture experiment will estimate the escapement of coho salmon in Nakwasina River in 2005 in conjunction with coded-wire tag recovery to estimate exploitation, harvest, smolt abundance, and survival.	ADF&G, Sport Fish Division	RM&E	7/1/05	6/30/06	\$39,994	Southeast
45459	CIAA: Salmon Enhancement Project - Part 1	2003	Increase salmon production (42,700,000 pinks; 13,800,000 sockeye; and 400,000 coho), raceway improvements at Trail Lakes Hatchery, preliminary assessment of cooperative enhancement efforts with Port Graham, adult salmon population monitoring activities, smolt evaluation at Big Lake, and update the Cook Inlet Regional Salmon Enhancement Plan for 2005-2025.	Cook Inlet Aquaculture Association (CIAA)	CD: EN	5/5/04	12/31/06	\$990,000	Central (Cook Inlet)
45460	DCCED: Fisheries Economic Development Program - 2004	2003	Funds projects benefiting the salmon industry in Southeast AK selected via a competitive application process to fund projects that will improve the infrastructure of the salmon fishery and enable Alaskan producers to better compete in changing world markets.	Department of Commerce, Community, and Economic Development (DCCED)	EN	7/1/03	5/30/08	\$841,040	Southeast
45461	Fisheries Project and Issues Coordination - Phase 3	2003	Funds the Special Assistant to the Commissioner for efforts related to State participation in Pacific Northwest salmon Endangered Species Act issues; oversight of AK's utilization of PCSRF funding; and advisory support to the Commissioner.	ADF&G, Commercial Fisheries Division	PA	5/1/05	1/10/08	\$210,503	Statewide

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45462	Statewide Salmon Fisheries Scientist - Part 1	2003	Provide direct technical and other assistance on matters related to salmon stock assessment, escapement enumeration and goals, stock identification, and forecasting. Control the quality of salmon research through the development, review, and modification of project operational plans.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/07	\$101,588	Statewide
45463	Statewide Salmon Fisheries Scientist - Part 1	2003	Provide direct technical and other assistance on matters related to salmon stock assessment, escapement enumeration and goals, stock identification, and forecasting. Control the quality of salmon research through the development, review, and modification of project operational plans.	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/04	6/30/07	\$36,802	Statewide
45464	Taku River Coho Escapement	2003	Provide annual estimates of coho escapement necessary to refine and improve escapement goals and forecast runs, along with in-season abundance estimates for abundance-based management.	ADF&G, Sport Fish Division	RM&E	7/1/05	6/30/06	\$39,954	Southeast
45465	Technical Assistance – Project Administration	2003	Staff project review and recommendation processes, and track project expenditures monthly. Responsible for project set up and associated approvals, reporting, notification, and evaluation. Coordinate with Division of Admin to ensure state and federal compliance.	ADF&G, Commercial Fisheries Division	PA	7/1/05	6/30/08	\$362,942	Statewide
45466	MOA: Ship Creek Fish Passage - Phase 1	2003	Enhance fish passage in Ship Creek by removing an existing embankment, restoring the channel to its natural morphology, and building a bridge to replace the road crossing. Current road crossing is supported by three collapsing arch culverts.	Municipality of Anchorage (MOA)	CD: EN	9/1/04	12/31/06	\$1,792,200	Central (Cook Inlet)
45467	DCCED: Fisheries Revitalization Strategy Program Analysis	2003	Develop economic analysis on the State's impact on the salmon industry's business environment and increase involvement in certain grant activities under the Fisheries Revitalization Strategy to improve the likelihood of success.	Department of Commerce, Community, and Economic Development (DCCED)	CD: EN	11/16/04	6/30/08	\$109,093	Statewide

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45468	Professional Training - Sport Fish Division	2003	Provide professional training to improve staff skills in stock assessment and fishery management. ADF&G has long been recognized as one the world leaders in sustainable fishery management and stock conservation because of a dedicated, knowledgeable, and skilled work force. The department is likely to lose that status because of the loss of its most senior and talented staff to other agencies that offer higher pay, more benefits and less responsibility, and a lack of an influx of talented entry-level professionals.	ADF&G, Sport Fish Division	RM&E	12/1/04	6/30/08	\$54,898	Southeast
45469	Professional Training - Commercial Fisheries Division	2003	This proposal would provide professional training to improve staff skills in stock assessment and fishery management. ADF&G has long been recognized as one of the world leaders in sustainable fishery management and stock conservation because of a dedicated, knowledgeable, and skilled work force. The department is likely to lose that status because of the loss of its most senior and talented staff to other agencies that offer higher pay, more benefits and less responsibility, and a lack of an influx of talented entry-level professionals.	ADF&G, Commercial Fisheries Division	RM&E	12/1/04	6/30/07	\$52,272	Statewide
45470	McDonald Lake Sockeye Escapement Estimation	2003	Recalibrate the foot survey estimates of the McDonald Lake sockeye escapement by comparing the surveys to the mark-recapture estimates obtained in this study and to weir counts from the early 1980s.	ADF&G, Commercial Fisheries Division	RM&E	1/1/05	6/30/07	\$119,993	Southeast
45471	Salmon Stock Assessment Support	2003	Support a fisheries scientist working at headquarters to participate in stock assessments, review escapement goals, and stock status. Coordinate involvement with a reviewer that will assess whether AK's salmon fisheries should be re-certified by Marine Stewardship Council.	ADF&G, Commercial Fisheries Division	RM&E	7/1/04	6/30/06	\$78,903	Southeast
45472	Southeast Salmon Aerial Surveys - Year 2	2003	This project covers costs of increasing aerial surveys to monitor pink and chum salmon escapements in Southeast AK.	ADF&G, Commercial Fisheries Division	RM&E	7/1/05	6/30/07	\$100,000	Southeast
45473	DEC: Laboratory Equipment	2003	DEC's Environmental Health Lab is tasked with analyzing foods for environmental pollutants. The Lab's existing analytical equipment is no longer serviceable and is being replaced. AKSSF funding will be used to finance a portion of the cost of acquiring the new equipment used for salmon analysis.	Department of Environmental Conservation (DEC)	EN	3/15/05	6/30/06	\$149,273	Statewide

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45474	Chinook Model Evaluation and Improvement	2003	Evaluate the Pacific Salmon Commission Chinook Model and provide improvements. A sensitivity analysis of many critical aspects will be evaluated by varying input parameters. Alternate Chinook abundance indices will be explored and developed.	ADF&G, Sport Fish Division	RM&E	7/1/05	6/30/06	\$80,425	Southeast
45475	District 111 Sockeye Stock Identification - Year 2	2003	This project, in conjunction with other programs, will provide annual estimates marine harvest of Taku River sockeye salmon stocks.	ADF&G, Commercial Fisheries Division	RM&E	7/1/06	6/30/08	\$40,568	Southeast
45476	Chinook Troll Genetic Stock ID	2003	Provides genetic stock ID of the component stocks of Chinook salmon harvested in the Southeast AK troll fishery. Chinook salmon will be sampled from the landings for the summer and early winter fisheries in 2005 and the late winter and spring fisheries in 2006. Samples will be analyzed in the lab in Anchorage and the estimated stock contribution will be reported to regional managers and researchers.	ADF&G, Commercial Fisheries Division	RM&E	4/1/05	6/30/07	\$131,925	Southeast
45477	Alaska Salmon Price Report - Year 2	2003	Produced by the Department of Revenue, the report comes out every four months and contains wholesale salmon values and pounds by region, by month and by product form.	Department of Revenue (DOR)	EN	7/1/04	6/30/06	\$103,000	Statewide
45478	Coffman Cove: Enhancement Feasibility - Phase 1	2003	Initiate feasibility studies for permitting, construction, and maintenance of a small Chinook enhancement facility. The proposed facility would produce 250,000 Chinook smolt for release into a local watershed and is expected to be operated in partnership with the already-permitted Craig Chinook salmon hatchery. Chinook fry are expected to be incubated and reared in Craig then transported to Coffman Cove for final grow-out and release. Project may result in an estimated 6,250 adults returning annually.	City of Coffman Cove	CD: EN	6/1/05	8/31/06	\$45,168	Southeast
45479	University of Alaska Southeast – Ketchikan: Fisheries Technology Distance Delivery	2003	Convert the Atomic Absorption Spectrophotometry and Certificate of Fisheries Tech to a web based delivery format. This will allow rural Alaskans and salmon enhancement workers to access a college degree program while still living in their communities or maintaining employment.	University of Alaska Southeast (UAS)	O&E	8/1/05	6/30/06	\$25,750	Southeast

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45480	DCCED: Canned Salmon Export Aid Demonstration Project	2003	DCCED will procure three containers of canned pink and chum salmon which will be shipped to three separate countries. In a companion project funded by another source, the food will be distributed to end users via private volunteer organizations.	Department of Commerce, Community, and Economic Development (DCCED)	CD: EN	9/19/05	11/30/07	\$124,594	Statewide
45481	Southeast Alaska Chinook Salmon Port Sampling - Part 2	2003	Sampling Alaskan Spring troll fisheries for coded-wire tags. <i>This project continues work begun in project 45219.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/06	6/30/08	\$63,594	Southeast
45482	DCCED: Boston Seafood Show - Southeast Alaska Event	2003	The State of Alaska will host a second AK event, the Go Wild in Alaska Style: 2006 Boston, administered through the DCCED to build on the 2005 event, and to promote other positive salmon consumption trends in the US. This year's event, is similar to the 2005 event, with a Southeast AK salmon theme.	Department of Commerce, Community, and Economic Development (DCCED)	CD: O&E	3/15/06	3/5/07	\$55,759	Southeast
45484	AYK: Stock-Specific Forecast of AYK Chinook Salmon	2003	Investigators propose a run reconstruction model that may offer critical insight into marine survival of AYK Chinook stocks, ultimately providing a forecast tool for improved management. National Marine Fisheries Service marine surveys will provide age 1.0 Chinook salmon in the eastern Bering Sea collected during the summers of 2002-2006; stock composition analysis and abundance estimates will be used to approximate relative year class strength of contributing stocks. Investigators will then perform stock composition and abundance estimates of sub adults in the Bering Sea trawl bycatch. The reconstruction model will use a cohort analysis to test the utility of the juvenile data and bycatch data to forecast run strength of AYK stocks.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/8/06	6/30/08	\$468,360	AYK (Bering Sea)
45485	AYK: Natural Indicators of Salmon Run Abundance/Timing - Part I	2003	This project seeks to understand historical abundance, distribution, and health of salmon populations in several subsistence communities in the Yukon River drainage, through the documentation and incorporation of local traditional knowledge pertaining to natural indicators of salmon population dynamics. For the purposes of this project, natural indicators are defined as empirical observations that correlate with specific ecological phenomena.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	5/9/06	6/30/08	\$151,283	AYK (Lower Yukon River)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45486	AYK: Retrospective Analyses of Chum and Coho	2003	Investigators propose to test the hypotheses that climate change and pink salmon have adversely affected growth and abundance of Norton Sound chum salmon, whereas pink salmon have positively influenced growth and abundance of Norton Sound and Kuskokwim coho salmon. These hypotheses will be tested by reconstructing seasonal and annual growth of Norton Sound chum and coho salmon, and Kuskokwim coho salmon from historical collections of scales, 1967-2006. Age composition, catch and escapement of Norton Sound chum salmon will be used to reconstruct Norton Sound chum returns from parent spawning years.	Natural Resource Consultants, Inc. (NRC)	CD: RM&E	7/1/06	6/30/08	\$139,152	AYK (Norton Sound)
45488	AYK: Selective Fishery Yukon Chinook Impacts	2003	Investigators propose to evaluate the potential long-term effects of large-mesh gillnet fisheries on Yukon River Chinook salmon by stochastic modeling of population dynamics. Parameters of primary interest include the productivity and age, sex, and size structure of Yukon River Chinook salmon. If results suggest that long-term effects are probable, the resiliency of the population to alternative harvest strategies will be explored.	US Fish and Wildlife Service, Fisheries and Ecological Services (USFWS)	CD: RM&E	7/1/06	6/30/08	\$164,881	AYK (Yukon River)
45489	AYK: Local Traditional Knowledge and Norton Sound Salmon - Part I	2003	Research will be conducted in 2006 through 2008 in order to identify a progression of change through the region within Norton Sound regarding environmental factors and resources impacting the sustainability of salmon. The work begun in this project is continued in AKSSF project 45555.	Kawerak, Inc	CD: RM&E	6/2/06	6/30/08	\$46,359	AYK (Norton Sound)
45490	AYK: Landscape Genetics of AYK Salmon Populations	2003	This study will combine landscape genetics with a comparative analysis of population structure to address the question, "What are some of the spatial, environmental, ecological, and life history factors influencing genetic diversity of Chinook, chum, and coho salmon in the watersheds of Norton Sound and the Yukon and Kuskokwim rivers?"	US Fish and Wildlife Service, Conservation Genetics Laboratory (USFWS, CGL)	CD: RM&E	6/15/06	6/30/08	\$219,462	AYK
45491	AYK: Factors Affecting Juvenile AYK Chum - Part I	2003	Assess the effect of biological and physical environmental factors on juvenile chum salmon early marine distribution, migration, growth, and survival. The work begun in this project is continued with AKSSF project 45557.	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Alaska Fisheries Science Center, Auke Bay Laboratory (NOAA/NMFS, AFSC, ABL)	CD: RM&E	8/10/06	6/30/08	\$590,979	AYK

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45492	AYK: Fall Chum Distribution Upper Tanana River - Phase 1	2003	This project will document and establish the presence of spawning adult fall chum salmon in mainstem habitats of the upper Tanana River and estimate the relative contribution of mainstem spawners using radio telemetry techniques. Once the sites being utilized are identified we will examine the areas for the presence of reeds and viable egg depositions, as well as assist in characterizing these mainstem spawning habitats. Finally, we will develop a prediction model based on remote sensing techniques that can identify similar characteristics throughout the drainage. The work begun in this project continues with AKSSF project 45558.	ADF&G, Commercial Fisheries Division	CD: RM&E	5/1/07	6/30/08	\$326,295	AYK (Upper Yukon River)
45493	AYK: Heritability of Traits in Wild Chinook Salmon - Phase 1	2003	Many Chinook salmon in the Kuskokwim River are harvested using "large mesh" gillnets (8" or larger) that preferentially capture older and larger fish. To evaluate if a selective fishery has a population-level impact on adult size and age, realistic estimates of trait heritability are needed. Abundance may be indirectly influenced if reproductive success (number of adult progeny) is greater for larger fish. Estimates of family size for a sample of parents of known length are needed for evaluation. Both are examined in Chinook salmon from the Tuluksak River in this study.	US Fish and Wildlife Service, Conservation Genetics Laboratory (USFWS, CGL)	CD: RM&E	5/1/07	6/30/08	\$82,860	AYK (Lower Kuskokwim River)
45494	AYK: Future Climate/Habitat of AYK Ecosystems	2003	This project will provide ecosystem forecasting out to 2030, based on evaluation of climate model results for western AK. Project participants will work with communities and other AYK SSI investigators to provide confidence estimates on future salmon abundance potential. Project will provide a community resource on retrospective and future climate change issues through direct contact and an interactive website.	National Oceanic and Atmospheric Administration - Pacific Marine Environmental Lab (NOAA)	CD: RM&E	5/1/07	4/30/08	\$147,994	AYK
45495	AYK: Nome River Coho - Phase 1	2003	This project will develop habitat-based coho salmon abundances in Norton Sound. It will also provide the only empirical Norton Sound data able to address linkages between habitat and production, the relationships among a series of adult spawner escapements, marine vs. freshwater influences on survival, and the relative influences of parent year strength vs. habitat availability/limitations on future coho production.	Norton Sound Economic Development Corporation	CD: RM&E	5/4/07	6/30/08	\$217,022	AYK (Norton Sound)
45496	AYK: Seward Peninsula Sockeye - Phase 1	2003	The goal of the project is to determine whether recruitment and available sustainable harvest in Seward Peninsula sockeye salmon depends simply on the number of spawners that escape fisheries or whether other factors, such as the biological production of lakes or the density of adult spawners, acting through effects on the growth of fry to become smolts, and the size of smolts, are important.	University of Alaska Fairbanks (UAF)	CD: RM&E	7/1/07	5/31/08	\$45,321	AYK (Norton Sound)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45497	AYK: Genetic Analysis Immature Chum - Phase I	2003	The primary objective of our genetic work is to determine the origins of chum salmon caught incidentally in groundfish fisheries and in other surveys in which admixtures of chum salmon populations are collected. The intent of the work is to learn about the marine distributions of chum salmon populations, or of regional aggregations of chum salmon populations, in the Bering Sea.	Alaska Fisheries Science Center/National Marine Fisheries Service, Auke Bay Laboratory (AFSC/NMFS, ABL)	CD: RM&E	7/1/07	5/31/08	\$206,886	AYK (Bering Sea)
45498	AYK: Ecology and Demographics of Chinook Salmon - Phase I	2003	This project is a comprehensive study of the relationship between ecological processes and the population dynamics of Chinook salmon in two important Yukon River spawning streams. The goal is to improve understanding of the way ecological processes regulate population size and generate annual variability in the abundance of adult Chinook salmon, (<i>Oncorhynchus tshawytscha</i>) returning to the Chena and Salcha Rivers.	University of Alaska Fairbanks (UAF)	CD: RM&E	5/8/07	5/31/08	\$511,447	AYK (Yukon River)
45499	Thematic Mapping of Southeast Alaska Salmon Fisheries	2003	The Alaska Department of Labor and Workforce Development, Research and Analysis Section will generate robust, full-size maps and charts, utilizing in-house data and resources, ADF&G data, and Limited Entry Commission data, using a large-scale plotter. Maps and charts are important in demonstrating the economic impact and value of the Southeast AK salmon fishery. This project will fill an unmet need, making it possible to display salmon fisheries-related data on a single map at a higher level of detail than is possible with a standard printer because a plotter can make large maps, insets of tables, charts, graphs, and text can be included.	Department of Labor	O&E	12/11/06	6/30/07	\$5,150	Southeast
45825	Haines Salmon Habitat Assessment - Year I	2003	The purpose of this project is to provide regional resource managers with new characteristics to help identify, protect, and manage important areas of salmon habitat in Southeast Alaska. PI will expand the ongoing salmonid distribution assessment to include a more extensive habitat assessment and water quality and quantity analysis component. With this information, TWC will analyze site-specific habitat characteristics (e.g., vegetation, substrate, and hydrology) and establish baselines for water quality and quantity for selected systems.	Takshanuk Watershed Council (TWC)	P&A	7/2/08	12/31/09	\$17,197	Southeast
45487	AYK: Juvenile Salmon Migration, Kwethluk River - Part I	2003	Develop a monitoring protocol and estimate the population size of migrating chum salmon smolts on the Kwethluk River.	US Geological Survey, Alaska Science Center (USGS, ASC)	CD: RM&E	5/18/06	6/30/08	\$233,931	AYK (Lower Kuskokwim River)
45501	Fairbanks Hatchery Study and Design - Phase I	2004	Complete a functional design for a hatchery to be constructed within the City of Fairbanks. The design of existing facilities, combined with limitations of water, heat, age, and a deteriorating infrastructure, have recently made it impossible to satisfy current and projected production needs.	ADF&G, Sport Fish Division	CD: EN	7/1/04	3/31/09	\$3,326,480	AYK (Upper Yukon River)

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45502	Adak Boat Harbor	2004	Construct Phase I of a new small boat harbor in Adak to provide dock and moorage for boats that will participate in developing fisheries. Provide for the dredging and placement of open cell pile dock with fendering system and adjacent dredging.	City of Adak	CD: EN	7/1/04	6/30/07	\$1,484,217	Westward
45503	SRA: Planning for Purse Seine Stabilization Program	2004	Refine and revise the draft SRA seine permit reduction plan in advance of seeking substantial grant and loan funds with which to accomplish the buyback. Legal review and outreach with the effected permit holders.	Southeast Revitalization Association (SRA)	CD: EN	9/1/04	12/31/05	\$148,422	Southeast
45504	Scientific Fisheries Systems Riverine Sonar	2004	Evaluate the utility of broadband sonar systems for use in riverine environments. There are three specific objectives that will be addressed: develop a methodology for broadband calibration; differentiate species by precise size measurement; and provide data so individual fish can be tracked.	Scientific Fisheries Systems	CD: RM&E	11/1/04	12/31/07	\$969,029	Statewide
45506	MOA: Ship Creek Fishing Access	2004	Removing failing culverts at Ship Creek will eliminate an access point to the creek bed at lower tide stages. Replacing this access will be needed to maintain angler participation. Plan the location of angler improvements so they mesh with long term goals for this area.	Municipality of Anchorage (MOA)	CD: EN	10/1/04	6/30/09	\$168,726	Central (Cook Inlet)
45507	MOA: Ship Creek Fish Passage - Phase II	2004	<i>Continue efforts from project 45466.</i> This phase II portion of the project will complete the access area adjacent to the bridge. In addition, the bridge deck will receive waterproofing and pavement to prolong the life of the span.	Municipality of Anchorage (MOA)	CD: O&E	8/1/05	7/1/07	\$286,790	Central (Cook Inlet)
45508	MOA: Anchorage Creeks - Community Development Manager	2004	Staff a position responsible for oversight, coordination, and outreach regarding the PCSRF earmarked for the MOA. A part-time administrative position will be staffed to provide support and serve as a liaison with the Project Management and Engineering Department.	Municipality of Anchorage (MOA)	CD: P&A	10/1/05	6/30/09	\$595,259	Central (Cook Inlet)
45509	MOA: Water Quality Monitoring and Education project	2004	Partners with the Anchorage Waterways council and the citizens of Anchorage to support water quality education and monitoring to maintain health of Anchorage creeks for salmon restoration. The Stream Team program maintains fifteen monitoring sites located on Ship, Chester, Campbell, and Little Campbell Creeks in Anchorage. Salmon populations using these creeks will be dramatically affected by non-point source pollution.	Municipality of Anchorage (MOA)	CD: RM&E	1/1/06	12/31/07	\$87,612	Central (Cook Inlet)

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45511	MOA: Salmon in the City - Stewardship Initiative (DNR)	2004	This project develops and produces interpretive displays as part of the Salmon in the City program including 17 single-panel displays and 9 panels for three-way "anchor" displays along the Campbell Creek Interpretive Trail. Twelve panels for three-way displays along Chester and Ship Creeks will also be produced.	Department of Natural Resources, Alaska State Parks (DNR)	CD: O&E	3/1/06	6/30/09	\$232,780	Central (Cook Inlet)
45512	MOA: Salmon in the City - Stewardship Initiative (ADF&G)	2004	As part of the Salmon in the City program, this project provides for development of a Salmon in the City logo; fact sheets on the program and restoration efforts in the Municipality of Anchorage; three salmon stewardship mobile outreach displays; and four salmon habitat/stewardship awareness video PSAs.	ADF&G, Sport Fish Division	CD: O&E	3/1/06	6/30/09	\$45,945	Central (Cook Inlet)
45513	MOA: Salmon in the City	2004	This project contributes to the Salmon in the City program with the production of interpretive mobile outreach displays, a public awareness survey, and participation in salmon-related events in the Anchorage area.	Municipality of Anchorage (MOA)	CD: O&E	3/1/06	6/30/09	\$228,634	Central (Cook Inlet)
45514	MOA: Chester Creek Aquatic Ecosystem Restoration - Westchester Lagoon to Cook Inlet - Phase II, Part I	2004	Project includes the final design and construction of a fish passage culvert at the mouth of Chester Creek. The project will install an 18-foot diameter culvert, approximately 120 feet long, under the existing railroad embankment. The final culvert design will ensure that flow velocity in the culvert not exceed 2.5 fps, with a desired flow velocity as close to 1 fps as possible. Work will likely require modifications of up to 190 feet of existing bike trail and construction of public education and interpretation displays.	Municipality of Anchorage (MOA)	CD: HP&R	8/30/06	6/30/09	\$159,403	Central (Cook Inlet)
45514	MOA: Ship Creek Restoration and Access Project, Schedule C - Part 2	2004	The Municipality of Anchorage (MOA) proposes to stabilize selected creek banks, prevent bank trampling, and direct fishing access from the new MOA Bridge near Ship Creek Point to the vicinity of the Knik Arm Power Plant (KAPP) Dam. <i>Part 2 objectives: Schedule C items C-8; and partial costs for C-2 & C-5.</i>	Municipality of Anchorage (MOA)	CD: HP&R	10/1/07	6/30/09	\$32,187	Central (Cook Inlet)
45516	ADF&G Sonar Work with Scientific Fisheries Systems	2004	Provide department assistance to a project testing capabilities of a system to effectively discriminate between Chinook and sockeye salmon using broadband sonar.	ADF&G, Sport Fish Division	CD: RM&E	7/1/05	6/30/08	\$15,500	Statewide
45517	UFA: Subsistence Education - Year 3	2004	Foster public awareness of and involvement in the federal subsistence regulatory and management programs in AK. The value to the public derives from a better understanding of subsistence regulations and an increased participation in the regulatory process, resulting in improved coordination between State and Federal management.	United Fishermen of Alaska (UFA)	CD: O&E	10/1/04	12/31/05	\$98,453	Statewide

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45518	Ocean Policy Coordinator	2004	The position of Ocean Policy Coordinator will recommend and coordinate state policies for ocean and coastal research and management in AK and communicate with federal and local governmental entities and nongovernmental organizations in AK.	ADF&G, Office of the Commissioner	CD: P&A	3/1/05	6/30/05	\$35,612	Statewide
45519	Fisheries Project and Issues Coordination - Phase 4	2004	Funds the work of the Special Assistant to the Commissioner and other efforts related to AK participation in Pacific Northwest salmon Endangered Species Act issues; oversight of all aspects of AK's utilization of federal PCSRF; and fisheries advisory support to the Commissioner of F&G.	ADF&G, Commercial Fisheries Division	CD: PA	7/1/06	3/27/09	\$211,344	Statewide
45521	KRSA: Kenai River Chinook Genetics Baseline	2004	Develop a genetic baseline database for Kenai River Chinook salmon. Estimate and determine overlap in the return timing of tributary and mainstem spawning Kenai River Chinook salmon.	ADF&G, Sport Fish Division	CD: RM&E	4/1/05	6/30/08	\$184,628	Central (Cook Inlet)
45522	KRSA: Kenai River Restoration Cost Share	2004	ADF&G, along with the cooperating partner U.S. Fish and Wildlife Service, will conduct a programmatic approach to restore and sustain fish habitat on approximately 130 riverfront properties on the Kenai River over the next four years.	ADF&G, Sport Fish Division	CD: HP&R	5/1/05	6/30/09	\$471,730	Central (Cook Inlet)
45523	KRSA: Slikok Creek Restoration Project	2004	Construct bank protection gratewalk, angler access stairways, install cabled spruce trees revetments, and re-establish bank vegetation for better riparian function, bank stabilization, and fish habitat. This will allow Alaska Department of Natural Resources to reopen the riverbank at Slikok Creek.	Kenai Peninsula Economic Development Corporation	CD: HP&R	5/1/05	5/31/09	\$293,994	Central (Cook Inlet)
45524	KRSA: Evaluation of Culvert Influence on Seasonal Movements of Juvenile Salmonids in a Kenai River Tributary	2004	Passive integrated transponder (PIT) technology will be used to monitor juvenile salmonid behavior near a culvert located at Slikok Creek, a tributary to the Kenai River, that provides spawning and rearing habitat for Chinook and coho salmon. The study will assess fish movements during two phases: 1) for the existing culvert (2006-2007), and 2) for the replacement culvert (2007-2008) to evaluate whether juvenile fish passage conditions were improved.	ADF&G, Sport Fish Division	CD: RM&E	2/16/06	3/15/09	\$212,164	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45525	KRSA: Instream Flow Protection for the Middle Kenai River	2004	The ADF&G, Division of Sport Fish/ Research and Technical Services staff, in partnership with the Alaska Department of Natural Resources, Water Resources Section staff, will collaborate to gather and compile necessary hydrologic and biologic data to prepare and file an instream flow reservation application to complete the middle Kenai River for instream flow water rights under AS 46.15.145. This instream flow reservation is intended to protect and maintain fish production within the Kenai River.	ADF&G, Sport Fish Division	CD: P&A	2/16/06	9/15/06	\$7,041	Central (Cook Inlet)
45526	KRSA: Kenai Peninsula College Fish Habitat	2004	Using a variety of bank restoration and protection techniques, this project will provide improved fish habitat, riparian vegetation, riverbank stability, and reduced bank erosion. This project will also redirect angler access from the Kenai Peninsula College property to the enhanced infrastructure at the Slikok Creek Recreation Site and provide improved and safer access for the angling public.	ADF&G, Sport Fish Division	CD: HP&R	2/16/06	3/31/09	\$190,711	Central (Cook Inlet)
45527	KRSA: Kenai Habitat Restoration Evaluation and Strategy	2004	This project will summarize existing information to document how many of the original habitat problems identified in previous studies have been addressed by restoration efforts. How many problem areas were identified? How many of those have been fixed? How many are left? Who invested how much? What solutions were used? What do these solutions look like before and after? What are the implications to the fish?	S.P. Cramer and Associates, Inc.	CD: P&A	3/1/06	12/31/07	\$53,143	Central (Cook Inlet)
45528	KRSA: Analysis of Size – Selective Kenai King Salmon Fisheries and Regulations	2004	This project will evaluate current information on the effectiveness and assumptions of fishery regulations designed to address size selectivity of Kenai king salmon fisheries. The Kenai produces the largest king salmon in the world and this project addresses a concern that the biggest fish in the run might have been selectively overfished.	S.P. Cramer & Associates, Inc.	CD: RM&E	3/1/06	3/30/09	\$15,614	Central (Cook Inlet)
45529	KRSA: Kenai River Sockeye Salmon Inriver Abundance	2004	A mark-recapture experiment will be conducted cooperatively between Commercial Fisheries and Sport Fish Divisions, and Cook Inlet Aquaculture Association to estimate passage (abundance) of Kenai River sockeye salmon at river kilometer 31.4. Sockeye will be captured at 31.4 river kilometer and tagged and marked. Sockeye will be recaptured at 45.3 and counted for marked and tagged and non-marked and non-tagged. In addition to capture and recapture by fishwheels, the project will utilize weirs at 45.3 river kilometer and at the outlet to Hidden Lake.	ADF&G, Commercial Fisheries Division	CD: RM&E	2/16/06	5/1/09	\$470,733	Central (Cook Inlet)

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45530	KRSA: Kenai River Educational Radio Transmitter	2004	The objective of this project is to distribute real time fisheries information to the public through the use of low wattage AM radio recorded message transmitters. Maintaining an informed angling public is vital to the success of fisheries management.	ADF&G, Sport Fish Division	CD: O&E	5/15/07	10/31/08	\$1,547	Central (Cook Inlet)
45531	KRSA: Fishwalk Access - Phase 2	2004	This Phase 2 project involves the construction of a portion of the angler access designed to protect fish habitat, riparian vegetation, and function near the City of Soldotna Visitor Center, improving angler access and public safety. This new project will construct 87 linear feet of elevated walkway of 5' width to link Phase 1 (AKSSF project 45620) construction of ADA access along the river to an ADA accessible gravel trail.	City of Soldotna	CD: HP&R	4/1/08	6/30/08	\$40,170	Central (Cook Inlet)
45532	KRSA: Soldotna Classic Fishwalk Stairs	2004	This project will enable the purchase, refabrication and relocation of a set of access stairs under the Sterling Highway Bridge. The slope which currently leads uphill from the under bridge path's upstream terminus is a grass slope of freshly-laid sod. While not presently a designated access way to the under-bridge project, within only hours of the sod being laid, anglers began using it as a through-way to access the businesses adjacent to the bridge instead of crossing the Sterling Highway. Specifically, the stairs will lead down a 50 vertical foot, approximately 45 degree slope to the under bridge path terminus. <i>This project continues work begun in AKSSF projects 45620 and 45531.</i>	City of Soldotna, Parks and Recreation	CD: HP&R	5/1/05	3/31/09	\$45,584	Central (Cook Inlet)
45536	ASLC: Restore Salmon Runs in Resurrection Bay at Alaska SeaLife Center - Year 2	2004	Restore salmon runs in Resurrection Bay through a coordinated program involving releases of naturally produced and hatchery-origin Chinook, coho, and sockeye salmon smolt.	Alaska SeaLife Center (ASLC)	CD: EN	1/1/05	6/30/09	\$1,476,795	Central (Cook Inlet)
45538	YRDFA: Administration and Management	2004	Manage PCSRF-funded projects in an efficient manner. Provide staff support to develop, implement, and manage the suite of projects that the YRDFA Board of Directors has selected. Conduct the request for proposal and project selection and tracking processes, respond to requests from proponents, and offer technical review and recommendations.	Yukon River Drainage Fisheries Association (YRDFA)	CD: P&A	5/24/05	6/30/06	\$180,062	AYK (Yukon River)

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45539	YRDFA: Kaltag Fishery Development	2004	Construct a temporary primary salmon processing facility. Provide fishermen with a market for their salmon harvests in 2005 and generate information necessary to conduct a feasibility analysis of utilizing an unfinished fish processing building in Kaltag, AK.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/24/05	6/30/06	\$70,944	AYK (Yukon River)
45540	YRDFA: Lower Yukon River Marketing Program	2004	Provide two processors on the Lower Yukon River with funding to upgrade their marketing materials, visit customers, carry out promotional activities, and attend trade shows. Packaging materials will be purchased for shipping and frozen samples will be kept for out-of-season promotional opportunities. Branding will also take place through logo, fish tag, and label development.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/24/05	6/30/06	\$22,889	AYK (Lower Yukon River)
45541	YRDFA: Marketing Yukon River Caviar	2004	Prepare informational literature and posters that promote Wild Yukon River salmon caviar for high value niche market development. Analyze a sample amount of already-processed roe for the suitability to repackage as salmon caviar. Distribute sample packages to potential customers. Develop an internet site and offer contact information and cross links for direct sales of Wild Yukon River salmon caviar.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/24/05	6/30/06	\$53,970	AYK (Yukon River)
45542	YRDFA: Local Technician for Tozitna River Weir	2004	Monitoring salmon escapement in the Tozitna River aids Federal and State fisheries managers in evaluating and adjusting harvest strategies. The Yukon River Regional Advisory Councils have called for studies to address salmon declines, including projects that assess the production of salmon from tributary streams and quantify their contribution to the overall productivity of the Yukon River drainage.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	5/24/05	6/30/06	\$10,188	AYK (Yukon River)
45543	YRDFA: Yukon River Regional Marketing Program	2004	Develop new markets for Yukon River salmon and build brand recognition through marketing efforts that will promote the Yukon River salmon name. Written marketing materials will be developed and made available to every salmon producer on the Yukon River. Information packets will be distributed to grocers, restaurants, and distributors nationwide. Individual producers will have all materials available for their own direct marketing efforts.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/24/05	6/30/06	\$74,686	AYK (Yukon River)
45544	YRDFA: Andreafsky Abundance and Run Timing	2004	Since 1994, a floating weir has operated on the East Fork Andreafsky River from mid-June to late September to provide escapement and biological data. Daily escapement data will be provided to managers to assess lower Yukon River coho salmon run strength. Fish will be counted 24 hours per day to allow salmon to migrate upstream with less stress.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	5/24/05	6/30/06	\$22,117	AYK (Lower Yukon River)

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45545	YRDFA: Fort Yukon Sheenjek Genetics Sampling Project	2004	Collect samples for genetic stock identification baseline data from Chinook salmon in the Sheenjek River, a tributary of the Porcupine River which begins at the community of Fort Yukon in the Yukon Flats of the Upper Yukon River. Location and sampling times will be adjusted to maximize the possibility of reaching the sampling goals.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	5/24/05	6/30/07	\$21,162	AYK (Upper Yukon River)
45546	YRDFA: Fisheries in the Classroom	2004	Three rural schools will be selected to participate in the 4-H Natural Resource and Youth Development Program. Participating schools will receive financial support from YRDFA to purchase classroom incubator equipment, to attend in-service training, and receive support from Cooperative Extension Service and YRDFA staff.	Yukon River Drainage Fisheries Association (YRDFA)	CD: O&E	5/24/05	6/30/07	\$25,198	AYK (Yukon River)
45547	YRDFA: Annual Yukon River Symposium Travel	2004	The YRDFA Annual Symposium will be held in Hooper Bay March 2-5, 2009. This project provides symposium travel funding for a limited number of YRDFA board members and regional representatives. The YRDFA symposium is the only river-wide forum that brings salmon fishers together from the entire length of the river to discuss important fisheries issues facing salmon resource management. In addition, the State of Alaska Department of Fish and Game and the U.S. Fish and Wildlife Service managers attend the symposium and work with local people on the best management approaches for both people and salmon. Attendees learn and share timely fisheries-related information, and are encouraged to communicate what they have learned to others in their home communities. A symposium summary will be written and posted on the YRDFA website: www.yukonsalmon.org .	Yukon River Drainage Fisheries Association (YRDFA)	CD: O&E	2/1/09	3/31/09	\$11,048	AYK (Yukon River)
45548	CIAA: Salmon Enhancement Project - Part 2	2004	Project objectives include stocking juvenile salmon to produce adult salmon; cooperative enhancement efforts between Port Graham Hatchery, Eklutna Hatchery, and Tutka Bay Lagoon Hatchery to strengthen and/or develop sockeye salmon runs by collecting and incubating eggs and/or releasing sockeye salmon; conducting adult salmon population monitoring; continued involvement in Big Lake Enhancement Project through gamete collection, incubation, and fry release; continued work with the Kenai Watershed Forum to identify and implement small stream habitat projects; and maintaining and upgrading the productive ability of Trail Lakes Hatchery.	Cook Inlet Aquaculture Association (CIAA)	CD: EN	6/1/05	12/31/07	\$984,530	Central (Cook Inlet)
45549	YRDFA: Local Fisheries Technicians - Part 1	2004	Fund local Fisheries Technicians to work with ADF&G. Provide local Yukon River resident involvement at various test fishery locations within the Yukon River Drainage.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	7/1/05	6/30/06	\$4,277	AYK (Yukon River)

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45550	KWC: Klawock Watershed Project - Phase II	2004	The project will reduce the amount of sediment and erosion into streams in the basin, improving water quality and fish habitat by implementing road closures in the West Hatchery Creek Basin.	Craig Community Association, for Klawock Watershed Council (KWC)	CD: HP&R	4/1/06	9/30/06	\$123,572	Southeast
45552	YRDFA: Natural Indicators of Salmon Run Abundance/Timing - Part II	2004	This project was undertaken to understand historical abundance, distribution, and health of salmon populations in several subsistence communities in the Yukon River drainage through the documentation and incorporation of local traditional knowledge (LTK) pertaining to natural indicators of salmon population dynamics.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	7/1/08	4/30/09	\$57,235	AYK (Lower Yukon River)
45553	AYK: Kuskokwim Sockeye Salmon Investigations - Part II	2004	<i>This is a continuation of an existing project.</i> This portion of the project will address the biology and ecology of sockeye salmon in the Kuskokwim River data gap by describing the location, relative abundance, and run-timing of Kuskokwim River sockeye salmon spawning aggregates, describing and comparing smolt size and growth among tributaries and habitat types, and describing the relative importance of river-type versus lake-type sockeye salmon to total by conducting radio-tagging and t-tagging studies in 2007 and comparing scale circuli and annuli increments as an index of freshwater growth among tributaries and habitat types between 2005-2007.	ADF&G, Commercial Fisheries Division	CD: RM&E	3/1/07	9/30/08	\$278,568	AYK (Kuskokwim River)
45554	AYK: Kuskokwim Chinook Salmon Run Reconstruction - Part II	2004	Estimate spawning and total abundance of Chinook salmon in the Kuskokwim River from 1975 through 2007 using a statistical model for combining multiple data sources and describe the spawner-recruit relationship of Kuskokwim River Chinook salmon for the period 1975 through 2007 to assess the influence of parental escapement abundance on variations in return.	ADF&G, Commercial Fisheries Division	CD: RM&E	4/1/07	4/30/09	\$323,482	AYK (Kuskokwim River)
45555	AYK: Local Traditional Knowledge and Norton Sound Salmon - Part II	2004	Research will be conducted in 2008 and 2009 in order to identify a progression of change through the region within Norton Sound regarding environmental factors and resources impacting the sustainability of salmon. <i>This project continues work begun in AKSSF project 45489.</i>	Kawerak, Inc	CD: RM&E	7/1/08	4/30/09	\$171,556	AYK (Norton Sound)
45556	AYK: Juvenile Salmon Migration in Kwethluk River - Part II	2004	Estimate survival of chum salmon from potential egg deposition until migration from the study area.	US Geological Survey, Alaska Science Center (USGS, ASC)	CD: RM&E	7/1/08	4/30/09	\$44,158	AYK (Lower Kuskokwim River)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45557	AYK: Factors Affecting Juvenile AYK Chum - Part II	2004	Map inter-annual and spatial variability in instantaneous growth potential for juvenile chum salmon at each sampling site within coastal waters of the eastern Bering Sea collected during August-October 2002-2007 on past and planned upcoming OCC BASIS research cruises. <i>This project continues work begun in AKSSF project 45491.</i>	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Alaska Fisheries Science Center (NOAA/NMFS, AFSC)	CD: RM&E	7/1/08	6/30/09	\$78,305	AYK
45558	AYK: Fall Chum Distribution Upper Tanana River - Phase 2	2004	The purpose of this project is to document and establish the presence of spawning adult fall chum salmon in mainstem habitats of the upper Tanana and estimate relative contribution of mainstem spawners using radio telemetry techniques. Once the sites being utilized are identified we will examine the areas for the presence of redds and viable egg depositions, as well as assist in characterizing these mainstem spawning habitats. Finally, we will develop a habitat location prediction model based on remote sensing techniques that can identify similar characteristics throughout the drainage. <i>This project continues work begun in AKSSF project 45492.</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/08	6/30/09	\$316,931	AYK
45559	AYK: Climate Ocean Effects Chinook Salmon - Phase 1	2004	This project (Phase 1 of 3) will determine whether the ocean environment is a more important cause of variation in the abundance of salmon populations than marine fishing. The goal of this project is to identify and evaluate life history patterns of use of marine resources (habitat and food) by Chinook salmon, and to explore how these patterns are affected by climate-ocean conditions in the Bering Sea and North Pacific Ocean. The work begun in Phase 1 is continued in Phase 2 (AKSSF project 45667).	University of Washington (UW)	CD: RM&E	7/1/07	6/30/08	\$231,430	AYK (Bering Sea)
45560	AYK: Juvenile Salmon Dispersal Drifter Base View - Phase 1	2004	The overall goal of this project is to improve understanding of the nearshore circulation field that connects Kuskokwim Bay and northern Bristol Bay with the adjacent Bering shelf by deploying satellite-tracked drifters in lower Kuskokwim Bay. This information is needed to understand the possible migratory pathways used by juvenile salmon as they enter the marine environment.	University of Alaska Fairbanks, Institute of Marine Science (UAF)	CD: RM&E	11/1/07	6/30/08	\$200,178	AYK (Bering Sea)
45561	AYK: Seward Peninsula Sockeye - Phase 2	2004	The goal of the project is to determine whether recruitment and available sustainable harvest in Seward Peninsula sockeye salmon depends simply on the number of spawners that escape fisheries or whether other factors such as the biological production of lakes or the density of adult spawners, acting through effects on the growth of fry to become smolts, and the size of smolts, are important. <i>This project continues work begun with AKSSF project 45496 (Phase 1).</i>	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS) and ADF&G, Commercial Fisheries Division	CD: RM&E	6/1/08	5/31/09	\$45,208	AYK (Norton Sound)

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45562	AYK: Genetic Analysis Immature Chum - Phase 2 of 4	2004	The primary objective of this genetic analysis is to determine the origins of chum salmon caught incidentally in groundfish fisheries and in other surveys in which admixtures of chum salmon populations are collected. The intent of the work is to learn about the marine distributions of chum salmon populations, seasonal variations, or of regional aggregations of chum salmon populations, in the Bering Sea. <i>This project continues work begun in AKSSF project #45497 (Phase 1).</i>	Alaska Fisheries Science Center/National Oceanic and Atmospheric Administration/National Marine Fisheries Service (AFSC/NOAA/NMFS)	CD: RM&E	6/1/08	3/31/09	\$165,794	AYK
45563	AYK: Risk Assessment - Phase 2 of 2	2004	Prior research on AYK pink and chum salmon has related the numbers of returning salmon (recruits) to the number of spawners and environmental conditions during the marine life stage. The next critical step in this research is to model the dynamics of harvesting recruits. This project will develop population models of the entire salmon life cycle in a risk-assessment framework. This research will provide a framework for synthesizing life history and environmental variables. It will also answer several questions regarding the salmon life cycle by estimating stock-recruitment relationships and density-dependent interactions. <i>This project continues work begun in AKSSF project #45347 (400).</i>	Simon Fraser University	CD: RM&E	7/1/08	4/30/09	\$8,740	AYK (Norton Sound)
45564	AYK: Ecology & Demographics of Chinook Salmon - Phase 2	2004	This project is a comprehensive study of the relationship between ecological processes and the population dynamics of Chinook salmon in two important Yukon River spawning streams, the Chena and Salcha Rivers. The goal of Phase 2 is to improve understanding of the way ecological processes regulate population size and generate annual variability in the abundance of adult Chinook salmon (<i>Oncorhynchus tshawytscha</i>) returning to the Chena River. <i>This project continues work begun in AKSSF project #45498.</i>	University of Alaska Fairbanks (UAF) and ADF&G, Sport Fish Division	CD: RM&E	6/2/08	3/31/09	\$412,346	AYK (Upper Yukon River)
45565	AYK: Kuskokwim River Coho Investigations - Phase 2 of 3	2004	This project (Phase 2 of 3) conducts a radio-telemetry mark-recapture study on Kuskokwim River coho salmon. The completion of all three phases will allow assessment of the distribution, abundance, and stock specific parameters for Kuskokwim River coho salmon. <i>Phase 2 continues work begun in AKSSF project #45349 (400).</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/08	3/31/09	\$331,051	AYK (Kuskokwim River)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45566	AYK: Heritability of Traits in Wild Chinook Salmon - Phase 2 of 3	2004	This study addresses an interest in determining if a large mesh gillnet selective fishery has a population-level impact on traits such as adult size and age. In order to fully evaluate this issue, realistic estimates of trait heritability are needed. This selective fishery may also indirectly influence abundance if reproductive success (number of adult progeny) is greater for larger fish. In order to evaluate this issue, estimates of family size for a sample of parents of known length are needed. This project continues the work begun in AKSSF project #45493 (Phase 1).	US Fish and Wildlife Service, Conservation Genetics Laboratory (USFWS, CGL)	CD: RM&E	7/1/08	3/31/09	\$74,064	AYK (Lower Kuskokwim River)
45568	KRSA: Reconstruction of Upper Russian River Sockeye Late Run	2004	Harvested sockeye salmon will be sampled from the mixed-stock commercial, personal use, and sport fisheries. The axillary process will be excised from each sampled fish. Axillary process samples from the various fisheries and other projects will be sent to the ADF&G, Division of Commercial Fisheries Gene Conservation Lab in Anchorage for single nucleotide polymorphism analysis. The analysis will estimate the probability of whether the fish is of Upper Russian River or some other Kenai River sub-stock origin by comparing its DNA with a baseline DNA database developed from fish sampled from a large number of Kenai River sub-stocks.	ADF&G, Sport Fish Division	CD: RM&E	2/16/06	5/1/09	\$255,976	Southcentral (Cook Inlet)
45569	KRSA: Russian River Bank Protection and Rehabilitation Project	2004	This project will reestablish bank vegetation for better riparian function, Chinook and coho salmon habitat, and bank stabilization. The new vegetation will be protected with the construction of interpretive/ educational signage, angler access stairways and fencing.	ADF&G, Sport Fish Division	CD: HP&R	2/16/06	3/31/09	\$440,774	Central (Cook Inlet)
45570	KRSA: Russian River Ferry Crossing	2004	This project will rehabilitate angler-induced impacted fish habitat at the Russian River Ferry Crossing using bio-engineered techniques, including: brush layering and live rooted and cut vegetation plantings; sustain stream bank vegetation, fish habitat, and riparian function by installing protective fencing and angler access stairways; restrict angler access along the Russian River Ferry Crossing riverbank that is negatively impacting riparian vegetation and function, fish habitat, and bank; educate the angling and general public of the importance of fish habitat and reducing damage to the riverbank using educational and interpretive signage; and enhance angler access to the Russian River Ferry Crossing riverbank that will improve bank protection, riparian function, and public safety.	ADF&G, Sport Fish Division	CD: HP&R	1/17/07	10/31/07	\$191,035	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45571	KRSA: Kenai River Smolt Abundance - Phase 1	2004	This project will provide annual estimates of the abundance of sockeye salmon smolts emigrating from the Kenai River. Mark-recapture methods will be used to estimate the population size of sockeye salmon smolts emigrating from the Kenai River watershed using the Russian River stock as a genetic mark. Annual sockeye salmon smolt population estimates will be used to build life-history brood tables needed to improve forecasts, evaluate escapement goals, and examine effects of ocean conditions on stock productivity.	ADF&G, Commercial Fisheries Division	CD: RM&E	4/16/08	6/30/08	\$108,569	Central (Cook Inlet)
45573	KWC: Habitat 1	2004	The Riparian Thinning Prescriptive Plan and riparian thinning of 103 acres in the Klawock watershed, on property owned by Klawock Heenya Corporation and Shaan Seet, Inc., will protect, restore, and improve fish habitat and fish passage.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: HP&R	3/23/07	10/3/07	\$67,423	Southeast
45574	KWC: Klawock Watershed Intern	2004	The Klawock Watershed Master Plan Update (AKSSF project #45691) identified a need for involvement of the public in caring for the watershed. Surveys completed by the community in July of 2008 identified the Klawock River, tidal zone, and community areas as priorities for the annual watershed Clean Up.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: O&E	2/1/09	3/31/09	\$5,683	Southeast
45575	SFS: Peer-Reviewed Results SciFish Sonar Eval	2004	Project participants will prepare and submit a publication summarizing the results of AKSSF funded Scientific Fisheries Systems Riverine Sonar project (AKSSF project #45504) to a peer-reviewed journal.	Scientific Fishery Systems, Inc.	CD: RM&E	2/1/09	3/31/09	\$18,777	Statewide
45576	<i>Sustaining AK Fisheries</i> - Printing	2004	This project partially funds printing of additional copies of the publication <i>Sustaining Alaska's Fisheries: Fifty Years of Statehood</i> .	ADF&G	O&E	4/1/09	6/30/09	\$5,150	Statewide
45577	PCSRF Technical Assistance Year 5	2004	The project will provide administrative support for ADF&G's management of PCSRF funds appropriated to the State of Alaska. PCSRF supports salmon sustainability throughout Alaska to the benefit of thousands of commercial, subsistence, and recreational users, as well as the communities dependent upon them.	ADF&G, Commercial Fisheries Division	PA	1/1/08	6/30/09	\$450,251	Statewide
45578	PCSRF Accounting Assistance - Yr 5	2004	This project will fund the accounting position (PCN 11-0227 in the ADF&G Administration Office – Accounting Technician II) responsible for the project paperwork approved for processing by the AKSSF office (i.e., contracts, RSAs and Cooperative Agreements). This position will also monitor payments to ensure timely completion, and respond to agencies inquiring on payment status and/or contract, RSA or Cooperative Agreement status.	ADF&G, Commercial Fisheries Division	P&A	7/1/08	6/30/09	\$51,689	Statewide

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45579	Chickamin Coho Escapement - Yr 3	2004	In fall 2008, adult coho will be inspected inriver for the presence or absence of an adipose fin, to estimate the marked fraction of smolt CWTd in spring 2007. Age, sex, and length (ASL) data will also be collected. The escapement will be estimated through expansion of the peak aerial survey count.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$25,441	Southeast
45581	AYK: Nome River Coho - Phase 2 of 3	2004	This project will provide: 1) abundance estimates of coho salmon smolts migrating from the Nome River in 2008; 2) placement of coded wire tags into coho smolts migrating from the Nome River in 2008; and 3) recapture of adult coho salmon to estimate marine survival of smolts from the 2007 cohort year. <i>Phase 2 continues work begun in AKSSF project #45495.</i>	Norton Sound Economic Development Corporation (NSEDC)	CD: RM&E	7/1/08	3/31/09	\$74,767	AYK (Norton Sound)
45582	AYK: Research Planning & Proposal Review FY09	2004	This project will continue implementation of the AYK Sustainable Salmon Initiative. Specifically, this project will conduct a set of activities that will provide the necessary staffing support and funding for the Steering and Scientific Technical Committees to implement the AYK Research and Restoration Plan and to effectively review and approve research projects to support sustainable management of western Alaska's fisheries.	Bering Sea Fishermen's Association (BSFA)	CD: P&A	7/7/08	5/31/09	\$531,468	AYK
45583	AYK: Region Mgmt. & Support - Yr2	2004	This project provides information on stock-specific trends, timing, and relative productivity of Yukon and Kuskokwim River salmon stocks. Funds contributed to Kuskokwim, Yukon River, and Norton Sound escapement projects; Kuskokwim sockeye and coho research; test fisheries and test fish feasibility studies; etc. The results of these projects will be used to develop tools to assess and implement management strategies for all Yukon and Kuskokwim River salmon fisheries and also contribute to understanding the causes of declines and recoveries of specific salmon stocks in these drainages.	ADF&G, Commercial Fisheries Division	RM&E	5/1/09	6/30/09	\$136,303	AYK
45050	AFDF: Salmon Offal Peat Composting Study	2005	This project will improve a process whereby naturally-composting salmon offal is converted into environmentally-friendly high and consistent quality salmon peat organic compost and leachate.	Alaska Fisheries Development Foundation (AFDF)	CD: EN	6/1/08	6/30/09	\$34,602	Central (Cook Inlet)
45056	AFDF: Salmon Oil Product Development	2005	This project will investigate the use of adsorption technology to produce purified salmon oil for human consumption, and will develop a method applicable for use by Alaska's fish meal processors, salmon processors, and entrepreneurs. Complete project results will be made available via the AFDF, UAF FITC, and LSU AgCenter websites: www.afdf.org ; www.lsuagcenter.com ; www.sfos.uaf.edu/fitc/ .	Alaska Fisheries Development Foundation (AFDF)	CD: EN	7/1/08	3/31/10	\$69,190	Statewide

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45057	AYK: Ecology & Demographics Chinook – Ph. 3 of 4	2005	This project is a comprehensive study of the relationship between ecological processes and the population dynamics of Chinook salmon in two important Yukon River spawning streams, the Chena and Salcha Rivers. The goal of this project is to improve understanding of the way ecological processes regulate population size and generate annual variability in the abundance of adult Chinook salmon returning to the Chena River. <i>This project continues work begun in AKSSF projects #45498 (Phase 1) and #45564 (Phase 2).</i>	University of Alaska Fairbanks (UAF)	CD: RM&E	4/1/09	3/31/10	\$295,722	AYK (Upper Yukon River)
45058	AYK: Nome River Coho - Ph. 3 of 3 (721)	2005	This project (Phase 3 of 3) will: examine adult coho salmon returning to the Nome River in 2009 for tags applied in 2008; provide population estimates of coho salmon smolts that migrated the year before; and recapture adult coho salmon to estimate marine survival of smolts from the 2008 cohort year. <i>This project continues work begun in AKSSF projects #45495 and #45581.</i>	Norton Sound Economic Development Corporation (NSEDCC) and LGL Alaska Research Associates, Inc.	CD: RM&E	4/1/09	3/31/10	\$69,262	AYK (Norton Sound)
45059	AYK: Heritability of Traits - Ph 3 of 3 (725)	2005	This project addresses an interest in determining if a large mesh gillnet selective fishery has a population-level impact on traits such as adult size and age. In order to fully evaluate this issue, realistic estimates of trait heritability are needed. This selective fishery may also indirectly influence abundance if reproductive success (number of adult progeny) is greater for larger fish. In order to evaluate this issue, estimates of family size for a sample of parents of known length are needed. <i>This study will examine these issues in Chinook salmon from the Tuluksak River. This project continues the work begun in AKSSF project #45493 and AKSSF project #45566.</i>	US Fish and Wildlife Service (USFWS)	CD: RM&E	4/1/09	3/31/10	\$76,502	AYK (Lower Kuskokwim River)
45060	AYK Research Planning FY10	2005	This project continues implementation of the AYK Sustainable Salmon Initiative. Specifically, this project will conduct a set of activities that will provide the necessary staffing support and funding for the SC and STC to implement the AYK Research and Restoration Plan and to effectively review and approve research projects to support sustainable management of western Alaska's fisheries. <i>This project continues work begun in AKSSF projects 45221, 45346, and 45582.</i>	Bering Sea Fishermen's Association (BSFA)	CD: P&A	6/1/09	5/31/10	\$639,068	AYK
45065	AVI: Cascade Creek Fish Passage Enhancement	2005	This project will enhance access at the mouth of Cascade Creek and open approximately five miles of rearing and spawning habitat and access to four small lakes in the watershed.	Alaska Village Initiatives (AVI)	CD: HP&R	6/1/08	3/31/10	\$48,657	Westward

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45066	AFDF: BSAI CP Salmon-Excluder Trawl Design	2005	This project will conduct at-sea tests of the “flapper panel” design in the catcher-processor fleet. Currently, a “flapper” design that employs a short, inverted, U-shaped section of diamond-mesh panel to serve as a collapsible liner has shown the most potential for excluding salmon on smaller catcher vessels. The “flapper panel” approach has not been tested and evaluated in the larger vessels of the catcher/processor fleet.	Alaska Fisheries Development Foundation (AFDF)	CD: EN	7/15/08	12/31/08	\$79,865	Statewide
45067	AFDF: Project Support FY09	2005	The focus of this project is the development and administration of industry-prioritized salmon enhancement projects.	Alaska Fisheries Development Foundation (AFDF)	CD: P&A	10/1/08	9/30/09	\$107,242	Statewide
45068	AFDF: Symphony of Seafood	2005	This project will support the Alaska Fisheries Development Foundation (AFDF) efforts to stimulate and recognize innovation by the industry in salmon products, expose market interests to this innovation, and assess comparable innovative efforts. Project funding also supports Alaskan participation in regional and national fora and expositions showcasing innovation in the handling, processing, packaging, and quality control measures of salmon. <i>This funding allows continuation of work begun in AKSSF project #45689.</i>	Alaska Fisheries Development Foundation (AFDF)	CD: EN	10/15/08	6/30/09	\$55,567	Statewide
45069	AFDF: Co-Product Enhancement	2005	This project will expand the use of recovered salmon proteins and oils in high quality human specialty foods through research support for product development and focus groups. A limited amount of demonstration in the market place is planned as follow-on to focus groups. The goal is to demonstrate successful prototypes in increasing the utilization of flesh and oils from salmon processing and by-product recovery.	Alaska Fisheries Development Foundation (AFDF)	CD: EN	11/17/08	3/30/10	\$32,373	Westward (Kodiak)
45070	MOA: Chester Creek Mgmt. Plan	2005	This project will complete the Municipality of Anchorage’s Chester Creek Watershed Management Plan by updating the existing draft plan, identifying information needs, and preparing the plan for adoption by the Anchorage Watershed and Natural Resources Advisory Commission and the Anchorage Assembly.	Municipality of Anchorage (MOA)	CD: P&A	2/1/10	3/31/10	\$0	Central (Cook Inlet)
45080	AYK: LTK & Norton Sound Salmon - Part 1, Phase 2	2005	Research will be conducted in 2006 through 2008 in order to identify a progression of change through the region within Norton Sound regarding environmental factors and resources impacting the sustainability of salmon. Participating villages will be selected based on their interest in the project and location within the region so that a broad representation of Norton Sound is achieved. <i>This project is identical to AKSSF project 45489.</i>	Kawerak, Inc	RM&E	6/2/06	6/30/08	\$117,541	AYK (Norton Sound)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45085	MSC Annual Surveillance Audit Process	2005	This project paid for the cost of the required annual surveillance audit for maintenance of certification of Alaska salmon fisheries as sustainable through the Marine Stewardship Council (MSC). ADF&G was the client for MSC certification, and as such contracted with Moody Marine Inc. to conduct the audit. Moody worked with ADF&G staff and others to obtain the information needed to complete the process. This information, which included information on the progress made in meeting conditions identified in the 5-year recertification process, was provided to MSC for their confirmation of the sustainable management of Alaska's salmon fisheries. This certification allows eligible entities to utilize MSC certification in the marketing of Alaska salmon products.	ADF&G, Office of the Commissioner	EN	7/1/08	6/30/09	\$40,514	Statewide
45086	KWC: Creeks Water Quality Study	2005	The Klawock Watershed Master Plan Update identified the need for a water quality study involving three creeks within the watershed, on tribal land owned by Klawock Heenya Corporation: Blue Water Creek, Crab Creek, and Deadhead Creek. These creeks have extremely high dissolved oxygen (DO) levels year-round, high sediment levels, and high temperatures throughout the year. This study of the full length of each of the three creeks will help resource managers determine and remediate the causes for high levels of DO, sediment, and temperature.	Klawock Cooperative Association and Klawock Watershed Council	CD: P&A	3/1/09	12/31/09	\$2,026	Southeast
45087	Statewide Escapement Goals Assessment	2005	This project will fund several activities that will assist the escapement goal team and enable the Department to conduct improved analyses and refinement of salmon escapement goals. Planned activities include: (1) training workshops and short-courses to improve the technical skills of Department staff conducting escapement goal reviews, (2) a statewide assessment of escapement goals and their relationship to fishery management regimes, and (3) ad-hoc external escapement goal review teams formed to provide peer review and to assist the Department in both reviewing existing goals and formulating recommendations for improved goals.	ADF&G, Commercial Fisheries Division	CD: P&A	7/28/09	3/31/10	\$163,414	Statewide
45089	AFDF: ICST 2010 Conference Sponsorship	2005	The 2 nd International Conference on Seafood Technology (ICST) will focus on seafood processing technology, much of which is applicable to the salmon industry. The ICST organizing/steering committee selected Visions, Inc. of Anchorage as the official organizer for the event. This project will fund a portion of Visions, Inc.'s professional fees to ensure the successful planning, organization, and implementation of the ICST.	Alaska Fisheries Development Foundation (AFDF)	O&E	10/1/09	3/31/10	\$25,000	Statewide

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45091	DNR Canadian Mine Projects Review, Ph. 3	2005	This project will fund interagency technical reviews of numerous proposed mining projects in Canada, which have the potential to negatively impact water quality and quantity in Alaska's salmon streams. AKSSF projects 45285 and 45722 funded previous interagency reviews of Canadian mine projects.	Department of Natural Resources (D	P&A	12/1/09	6/30/10	\$29,047	Southeast
45092	BBSRI: Port Moller Sonar Development - Ph. 1 of 2	2005	This project is Phase I of a two-phase research project to design and operate a low-cost, low-power sonar system to characterize fish behavior and enumerate salmon returning to Bristol Bay, Alaska. This first phase is an investment in the non-recurring engineering and components to design and build an onboard computer, acoustic transceiver, power and data storage systems, and a communication link with the surface.	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	1/15/10	3/31/10	\$98,007	Central (Bristol Bay)
45093	PCSRF Technical Assistance Year 6	2005	This project provides administrative support for ADF&G's management of the Alaska Sustainable Salmon Fund (AKSSF). AKSSF staff assists with project management, implementation, and oversight of the program to ensure appropriate use of federal funds on behalf of the State of Alaska.	ADF&G, Commercial Fisheries Division	P&A	7/1/09	6/30/10	\$408,250	Statewide
45094	PCSRF Accounting Assistance Year 6	2005	This project funds an accounting position in the ADF&G Administration Office responsible for Alaska Sustainable Salmon Fund (AKSSF) contractual paperwork (i.e., contracts, RSAs, and Cooperative Agreements). This position also processes and monitors subaward payments to ensure timely completion and responds to agencies inquiring on payment status and/or contract, RSA, or Cooperative Agreement status.	ADF&G, Commercial Fisheries Division	P&A	7/1/09	6/30/10	\$66,325	Statewide
45601	UFA: Subsistence Education - Year 4	2005	Foster public awareness of and involvement in the federal subsistence regulatory and management programs in AK. The value to the public derives from a better understanding of subsistence regulations, and an increased participation in the regulatory process.	United Fishermen of Alaska (UFA)	CD: O&E	7/1/05	12/31/06	\$97,985	Statewide
45602	Refine Optimum Escapement Goals for Sockeye, Chinook, and Coho Salmon	2005	Provide funds for several activities that will assist Escapement Goal Policy Implementation Team and enable the Department to conduct improved analyses and refinement of escapement goals for sockeye, Chinook, and coho salmon for each of these areas through the Winter 2008-2009 stage of the cycle.	ADF&G, Commercial Fisheries Division	CD: RM&E	11/1/05	6/30/09	\$74,611	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45603	AFDF: Gulf of Alaska Salmon Bycatch Avoidance and Reduction	2005	Explore techniques for salmon bycatch reduction and avoidance in the Gulf of Alaska groundfish fisheries.	Alaska Fisheries Development Foundation (AFDF)	CD: EN	1/1/06	6/4/07	\$25,531	Gulf of Alaska
45604	AVI: Salmon Enhancement/Restoration Technical Assistance	2005	This project will be used to carry out the necessary preparatory tasks for the field implementation of three salmon enhancement/restoration projects.	Alaska Village Initiatives (AVI)	CD: P&A	1/1/06	3/31/10	\$403,400	Statewide
45605	Auke Lake Coho Indicator Stock and Sockeye and Pink Salmon Population Monitoring - Year 1	2005	For Auke Lake sockeye and pink salmon, this project continues data collections on total counts and samples of size and age of juveniles and adults that span over four decades. These data sets are among the longest and most complete in Southeast AK and provide useful biological indicators of the freshwater production and marine survival.	ADF&G, Sport Fish Division	RM&E	3/1/06	6/30/08	\$27,800	Southeast
45606	YRDFA: Department of Environmental Conservation-Approved Fish Camp Roe Processing Facilities	2005	This project will provide materials and plans to build Department of Environmental Conservation-compliant facilities to roe fishers on the Yukon River. These facilities will allow Yukon River fishers to continue to sell roe legally. The roe fishery provides a vital source of income to many fishers on the middle Yukon River. Without these facilities the roe fishery will not operate; financial and technical assistance is necessary to make these facilities available to Yukon River fishers.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/1/06	4/30/07	\$21,478	AYK (Yukon River)
45607	Pre and In-season Estimates of Coho Salmon Run Timing	2005	Categorize and summarize Southeast AK coho salmon run timing from 1981 through 2004 and correlate timing with biological and physical oceanographic variables that may explain year to year variation in run timing. The project will also examine the relationship in timing between coho and pink salmon. Statistical timing models would be developed during early 2006 and applied to the 2006 coho salmon fishery.	David Gaudet Fisheries and Natural Resource Consultants (NRC)	RM&E	2/1/06	1/31/07	\$45,887	Southeast
45608	CIAA: Salmon Enhancement Project - Part 3	2005	Continue cooperative enhancement efforts between Port Graham Hatchery, Eklutna Hatchery, and Tutka Bay Lagoon Hatchery to strengthen and/or develop sockeye salmon runs. Conduct adult salmon population monitoring. Continue work with Kenai Watershed Forum to identify and implement small stream habitat projects.	Cook Inlet Aquaculture Association (CIAA)	CD: EN	6/1/06	6/30/09	\$979,847	Central (Cook Inlet)
45609	Hugh Smith Sockeye Adult and Juvenile Sampling	2005	A comprehensive program will be conducted to estimate juvenile survival, abundance, and size, and to partition abundance into wild-origin and hatchery-origin fish in years affected by supplemental stocking.	ADF&G, Commercial Fisheries Division	RM&E	3/15/06	6/30/07	\$109,180	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45610	Chinook Age, Sex, and Length - Year 2	2005	Staff will collect carcasses and/or post spawning live Chinook salmon, which will be measured and sex will be determined. Five scales will be removed and placed on gummed cards. Data will be recorded on standard ADF&G biological-sampling forms. All sampled carcasses and live fish will be marked to ensure double sampling does not occur.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/08	\$98,801	Southeast
45611	Pacific Salmon Treaty Specialist	2005	This project supports the non-perm Fisheries Biologist IV, Pacific Salmon Treaty (PST) Specialist position. This position provides support to AK's PST Commissioner and the AK delegation to the PST on salmon resource and fishery issues arising in the negotiation and implementation of the PST; serves as Chair of the U.S. Section of the bilateral Transboundary River Panel for the PST; provides expertise on state and federal action related to Pacific NW salmon stocks; and provides expertise on Pacific salmon as required.	ADF&G, Commercial Fisheries Division	CD: EN	7/17/06	3/31/10	\$113,647	Southeast
45612	Stikine River Chinook Coded-Wire-Tagged - Year 3	2005	Chinook salmon smolt from brood year 2005 will be coded-wire tagged in spring 2007 to estimate the number of Chinook salmon smolt leaving the Stikine River in 2007. Tagged fish from each brood year will be recovered in-river and in marine fisheries from 2008 to 2012.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/08	\$82,500	Southeast
45613	Warm Chuck Coho - Year 3	2005	Capture and tag coho smolt emigrating from Chuck Creek in the spring. Capture, count, and examine for tags the escapement of mature coho salmon returning to Chuck Creek from mid-August through mid-October. Estimate smolt production, marine survival and exploitation, and escapement of coho salmon from Chuck Creek.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/07	\$75,000	Southeast
45617	KRSA: Kenai River Salmon Stock Delineation	2005	This project will study salmon stock identification and fish movement in freshwaters of the Kenai River drainage. Elemental composition of otoliths will be used to determine the composition of the ambient water. Multi-elemental analysis of otoliths will be used to identify stream of origin, habitat associations, and discriminate stocks and sub-stocks of fish. We will analyze trace element signatures, Sr/Ca, Ba/Ca, and Mg/Ca, to delineate stocks and sub-stocks to natal streams.	University of Alaska Fairbanks (UAF)	CD: RM&E	4/1/07	4/30/08	\$82,949	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45618	KRSA: Flow Monitoring Kenai River Tributaries	2005	Project will monitor and document the annual flow (discharge) of water volume in three anadromous tributaries of the Kenai River: Soldotna, Slikok, and Beaver Creeks. Data collected from this effort will result in an annual hydrograph and water quantity yield. These three creeks were selected because they are important salmon-bearing streams and a significant portion of their watersheds are subject to improvement with very little control on the type of development.	Kenai Peninsula Economic Development District (KPEDD)	CD: P&A	5/1/07	6/30/09	\$67,262	Central (Cook Inlet)
45619	KRSA: Temperature Monitoring Kenai River Tributaries	2005	Project will program and then deploy HOBO tidbit temperature loggers at selected streams in early spring, recording exact location with differential GPS. In the late fall, personnel will retrieve the loggers and download data, compiling and summarizing the results over the winter. This project will collect baseline temperature data with a documented and repeatable methodology; reduce this baseline data into reasonable summary statistics along with raw data records; and ensure the data is archived in a national database with public internet access.	Kenai Peninsula Economic Development District (KPEDD)	CD: P&A	5/1/07	6/30/10	\$33,829	Central (Cook Inlet)
45620	KRSA: Soldotna Classic Fishwalk Access Improvements	2005	This project involves the repair, deconstruction, and reconstruction of the Soldotna angler access gratewalk/fishwalk near the Soldotna Welcome Center, City of Soldotna, protecting fish habitat, riparian vegetation and function, and improving angler access and public safety. Also included is educational signage.	City of Soldotna	CD: HP&R	1/1/07	5/25/08	\$381,703	Central (Cook Inlet)
45621	Chilkat River Smolt Coded Wire Tagging Project - Year 1	2005	ADF&G personnel will capture smolt from the Chilkat River using baited minnow traps during April and May 2007. Smolt will be transported to a central location where they will be given a coded-wire tag, marked by clipping the adipose fin, and released. Adults will be sampled for missing adipose fins in the Chilkat River to determine the marked fraction through other studies. This information along with Chilkat coded-wire tag recoveries from ongoing marine commercial and sport fishery programs will allow us to estimate smolt production and harvest of these stocks.	ADF&G, Sport Fish Division	RM&E	7/1/06	6/30/07	\$79,948	Southeast
45622	AFDF: Educational Outreach - OK	2005	This project has been an ongoing component of Alaska Fisheries Development Foundation (AFDF) activities; to facilitate a greater level of understanding both within the Alaskan seafood industry and the general public regarding Alaska's salmon fisheries, their realities and potential.	Alaska Fisheries Development Foundation (AFDF)	CD: O&E	1/1/06	9/27/07	\$255,988	Gulf of Alaska

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45623	Improving Escapement Estimates for Southeast Alaska Pink Salmon Stocks - Phase 1	2005	This proposal supports a research assistant to conduct analyses under supervision. To build on current and previous calibration efforts, we will attempt to derive equations to calibrate aerial counts among different observers, relate standardized counts to the number of fish in a stream, the number of fish in a stream to the total escapement in a stream, and total escapement from surveyed streams to total escapement in Southeast AK. We expect to complete the analyses allowing conversion of aerial counts to estimates of abundance of fish in the surveyed streams.	University of Alaska Fairbanks (UAF)	RM&E	7/1/06	3/31/10	\$106,027	Southeast
45624	Sockeye Salmon Matched Scale and Biological Marker Sampling	2005	This proposed project consists of four components, all aimed at improving stock identification studies required to meet sockeye salmon harvest sharing obligations of the Pacific Salmon Treaty: DNA Baseline Development, Northern Boundary Area Matched Sampling, Transboundary Matched Sampling, and Data Collection Programming.	ADF&G, Commercial Fisheries Division	RM&E	5/1/06	6/30/09	\$88,434	Southeast
45625	Fairbanks Sport Fish Hatchery Project - Phase II	2005	The construction of a new Fairbanks hatchery, to take over production for Region III stocking projects, has been proposed as part of the overall planning for the future of the Sport Fish hatchery system. The requirement for this facility is to meet angler demand in the Region III area for the next 20 years. The new facility will be built to increase the size and the numbers of fish now allocated for the interior area. The anticipated tasks for the FY 2005 funding will target the design contract and contract management for the project.	ADF&G, Sport Fish Division	CD: EN	3/1/06	3/31/10	\$3,300,145	AYK (Upper Yukon River)
45626	Instream Flow Adjudications and Hydrologic Support - Year 1	2005	This project will provide Department of Natural Resources (DNR) with funding to hire a hydrologist to assist with the adjudication of existing and future instream flow reservation applications and provide hydrologic technical support for salmon producing water bodies in Southeast AK. The project will help the DNR and ADF&G implement the MOU for improving administrative processing of instream flow reservations on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous water bodies in Southeast AK.	ADF&G, Sport Fish Division	HP&R	7/1/06	12/31/07	\$75,226	Southeast
45627	Chickamin River Coho Escapement -Year 1	2005	Mark-recapture study to estimate escapement and age/sex/length structure of adult coho salmon in 2006. Immigrating coho salmon caught in the lower Chickamin River with set gillnets will be tagged and marked as the first of two sampling events. During the second sampling event, coho salmon will be inspected for marks on the spawning grounds. Fish will be sampled in both events for biological data including scales, sex, length, and coded-wire tags.	ADF&G, Sport Fish Division	RM&E	7/24/06	6/30/07	\$68,805	Southeast

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45628	BBSRI: Alagnak River Watershed Ecological Research and Monitoring Program	2005	This project will design and implement a monitoring program to document baseline ecological conditions, identify associations between ecological features and salmon abundance, and provide the foundation needed for directed research that identifies causative factors that affect sockeye salmon abundance in the watershed. Such a program would optimally consist of a suite of projects that will contribute useful information to escapement goal and habitat management.	ADF&G, Commercial Fisheries Division	CD: RM&E	3/1/06	6/30/08	\$10,076	Central (Bristol Bay)
45629	BBSRI: Characterize the distribution, run timing, and abundance of Nushagak River Chinook and sockeye salmon using radio telemetry	2005	This project will utilize radio telemetry, which is a widely used method for estimating salmon escapement and determining stock composition. This project will also utilize mark-recapture studies with radio-tagged and externally marked fish will provide a method for estimating abundance. Stock composition will be determined based on the distribution of radio tags among spawning areas; this information will be gathered through various types of surveys.	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	3/15/06	12/31/07	\$328,874	Central (Bristol Bay)
45630	ASLC: Educational Display that Demonstrates the Complex Natural History of Salmon	2005	This project will fund the development of an educational display that demonstrates the complex natural history of salmon in AK. This display/exhibit will educate people about the natural history of Alaskan salmon. The display/exhibit will begin in our southern upstairs gallery immediately after the guests see Steller sea lions, seals, and eiders, and have the opportunity to learn about and interact with coldwater marine organisms.	Alaska SeaLife Center (ASLC)	CD: O&E	3/15/06	3/31/08	\$468,652	Central (Cook Inlet)
45631	BBSRI: Genetic Stock Identification Research for Bristol Bay Sockeye Salmon	2005	Characterize the Bristol Bay sockeye salmon baseline using single nucleotide polymorphism techniques. Collection and analysis of sockeye salmon tissues collected in the Port Moller test fishery and the inshore fishing districts of Bristol Bay.	ADF&G, Commercial Fisheries Division	CD: RM&E	3/15/06	12/31/07	\$283,167	Central (Bristol Bay)
45632	BBSRI: A Historical Review of the Bristol Bay Sockeye Salmon Smolt Program and Field Studies in 2006	2005	This project will be performed in two phases. Phase 1 is a literature review of old smolt data collected from the Bristol Bay rivers. Phase 2 is a field study to collect age, size, structure, and run timing information on the Kvichak sockeye smolts.	ADF&G, Commercial Fisheries Division	CD: RM&E	3/15/06	12/31/08	\$63,758	Central (Bristol Bay)
45633	Situk Area Coho Research	2005	The stock assessment project has three components for the 2006 season. The first is a mark-recapture experiment to estimate the total Situk River coho salmon escapement. The second is sampling of coho salmon in the Lost and Ahnklin Rivers to estimate the mark rate for coded-wire tagged adults in those escapements. The third is a synthesis of the first two components with related lagoon and troll fishery sampling efforts coupled with assumptions to estimate abundance of coho salmon in the Lost and Ahnklin Rivers.	ADF&G, Commercial Fisheries Division	RM&E	7/1/06	12/31/07	\$79,310	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45634	CTC Biometrician II - Year 1	2005	This proposal would secure funds to hire a Biometrician II to perform biometrical analyses, statistical analyses and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty and to aid in the management of Chinook salmon fisheries of Southeast Alaska.	ADF&G, Commercial Fisheries Division	RM&E	5/1/06	12/31/07	\$82,000	Southeast
45635	Karta River Sockeye Assessment Project	2005	In order to establish more accurate information to scientifically determine if the sockeye salmon returns are sufficient to sustain sockeye salmon populations and provide subsistence opportunities in this area, Organized Village of Kasaan will continue to collect data for sockeye salmon escapement and sockeye salmon subsistence harvest.	ADF&G - Commercial Fisheries Division	RM&E	4/1/06	6/30/07	\$41,439	Southeast
45636	DEC: Fisheries Monitoring Project	2005	This project will collect data to identify whether contaminants are present and at what concentrations they are occurring. The data generated by this project will provide input to the Alaska Department of Health and Social Services to determine whether advisories are required to protect public health. This project will provide the analytical results required to support the wholesomeness of AK's salmon resources in national and international arenas. The fish samples will be analyzed for trace metals (total mercury, arsenic, cadmium, nickel, selenium, chromium, and lead), organochlorine contaminants (organochlorine pesticides and PCB, PBDE, and dioxin and furan congeners) and detailed analyses for mercury and arsenic compounds. Trace metal analysis will be done on all samples.	Department of Environmental Conservation, Division of Environmental Health (DEC)	CD: RM&E	7/1/05	3/31/10	\$1,469,779	Statewide
45638	ASLC: Education and Outreach - Restore Salmon at Resurrection Bay	2005	This project will educate Alaskans about the importance of protecting and restoring salmon habitats and maintaining salmon management systems to regulate human activities that affect salmon. The education portion of the project will provide four program delivery venues: one option is to deliver programs on-site at the Alaska SeaLife Center; a second option is to deliver programs using distance learning technology; a third option is for an ASLC outreach educator to deliver programs in Alaska communities; and the fourth option is to provide educational content and materials on the internet for broad distribution.	Alaska SeaLife Center (ASLC)	CD: O&E	8/15/06	3/31/10	\$272,035	Central (Cook Inlet)
45639	NSRAA: Sawmill Creek Hatchery - Phase 1	2005	Permit and plan future construction of a hatchery at Sitka's Sawmill Cove Industrial Park with capacity to rear and release up to 2.5 million coho smolt to the ocean annually. Operational costs will be borne by NSRAA during the first several years until sufficient adults return to the facility, which will then pay the annual operating costs through the sale of a portion (20%) of the total return.	Northern Southeast Regional Aquaculture Association (NSRAA)	CD: EN	8/28/06	12/31/07	\$77,250	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45641	MOA: Chester Creek Aquatic Restoration - Phase 2, Part II	2005	Project activity includes the final design and construction of an open inter-tidal channel at the mouth of Chester Creek. Project will create a channel that will be approximately 1,550 feet long, hydraulically suited for salmonid species, and will simulate a natural channel. The channel will also include a spillway (weir) to maintain a constant water level in the lagoon. This work will likely require modifications of up to 190 feet of existing bike trail and construction of public education and interpretation displays.	Municipality of Anchorage (MOA)	CD: HP&R	8/30/06	6/30/09	\$2,491,947	Central (Cook Inlet)
45642	MOA: Chester Creek Aquatic Ecosystem Restoration, Westchester Lagoon to Cook Inlet - Phase 1, Part 2	2005	Improve fish passage at the Chester Creek outfall to the Knik Arm of Cook Inlet. The Chester Creek Aquatic Ecosystem Restoration Project has two phases: Phase 1 - utility relocation/partial channel construction and Phase 2 - channel restoration with a culvert installation to restore the Chester Creek channel allowing for increased fish passage.	Municipality of Anchorage (MOA)	CD: HP&R	1/15/06	5/30/08	\$362,362	Central (Cook Inlet)
45643	MOA: Campbell Creek Fish Habitat Rehabilitation	2005	This project will provide funds to reestablish bank vegetation for better riparian function, fish habitat, and bank stabilization at four sites: Wickersham site, Totem Plaza site, Piper Street site, and Bancroft Park site; educate agency staff, contractors, and private consultants by conducting a two-day restoration workshop at the Bancroft Park site on Campbell Creek; and identify additional restoration projects opportunities on Campbell Creek for future restoration efforts.	Municipality of Anchorage (MOA)	HP&R	1/15/07	3/31/10	\$193,063	Central (Cook Inlet)
45644	MOA: Ship Creek Restoration and Access Project, Schedule C - Part 3	2005	The MOA proposes to stabilize selected creek banks, prevent bank trampling, and direct fishing access from the new MOA Bridge near Ship Creek Point to the vicinity of the Knik Arm Power Plant Dam.	Municipality of Anchorage (MOA)	CD: HP&R	10/1/07	6/30/10	\$41,856	Central (Cook Inlet)
45645	MOA: Fish Passage Barrier Analysis, Ship, Chester and Campbell Creeks - Part A	2005	The MOA, in partnership with ADF&G, will utilize FishXing, a hydraulic model, to examine fish passage conditions at approximately 56 culverts previously identified within the Ship, Chester, and Campbell Creek watersheds. Existing information is inadequate to determine if the identified culverts are able to pass fish. This information will be used to help the City and its program partners prioritize culverts for additional fish passage improvement project work. This work will be jointly implemented by the MOA with AKSSF project 45645 (Part A) and the ADF&G with AKSSF project 45697 (Part B).	Municipality of Anchorage (MOA)	CD: P&A	6/3/08	3/31/09	\$0	Central (Cook Inlet)

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45646	ASLC: Restore Salmon at Resurrection Bay - Year 3	2005	The ASLC, in collaboration with MariCal, Inc., a marine technology company based in Portland, Maine, ADF&G, and Cook Inlet Aquaculture Association, propose to enhance and restore salmon runs in Resurrection Bay through a coordinated enhancement and research program involving releases of hatchery Chinook, coho, and sockeye salmon smolt. Additional research will focus on factors that affect sockeye salmon production in natural systems. Objectives are established that may result in natural production of sockeye from Bear Lake, production that was extirpated in the 1960's, and we hope will once again compliment the salmon fisheries of the area.	Alaska SeaLife Center (ASLC)	CD: EN	9/19/06	6/30/10	\$683,520	Central (Cook Inlet)
45647	Coffman Cove: Chinook - Phase III	2005	The goal of this project is to increase local Chinook catch near the City of Coffman Cove for the economic benefit of the community. The intent is to operate a release site for 0-age Chinook from net pens in saltwater in Coffman Bay. This project activity includes testing Sea-Ready technology applicable to Coffman Cove, final retrofitting of Port St. Nicholas incubation room and rearing area to accommodate Coffman Cove production for 2007, as well as the continued acquisition, installation, and set-up of net pens, mechanical oxygenation feature, and other equipment.	City of Coffman Cove	CD: EN	10/17/06	6/30/09	\$475,819	Southeast
45648	Sawmill Cove Hatchery - Phase II	2005	These funds will be used to design, construct, and equip a hatchery at Sitka's Sawmill Cove Industrial Park with the capacity to rear and release up to 2.0 million coho smolt to the ocean, annually.	Northern Southeast Regional Aquaculture Association (NSRAA)	CD: EN	3/11/07	3/31/10	\$2,271,515	Southeast
45649	KWC: Habitat 2	2005	The culvert inlet and outlet restoration funded with this project will protect, restore, and improve fish habitat and fish passage by installing step pools at ten culverts on the Klawock Hollis State Highway currently blocking fish passage. Step pool installation will allow access to an additional 9,100 feet of spawning and rearing habitat.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: HP&R	7/1/07	10/2/07	\$10,359	Southeast
45651	YRDFA: Administration Management Procedures, Policy Monitoring, and Outreach and Communication	2005	YRDFA will work to manage projects supported by AKSSF in an efficient manner. This includes both the financial and managerial administration of program oversight.	Yukon River Drainage Fisheries Association (YRDFA)	CD: P&A	7/1/06	8/30/07	\$174,733	AYK (Yukon River)
45652	YRDFA: Regional Marketing Program - Part II	2005	Continue to develop new markets for Yukon River Salmon and to build brand recognition through marketing efforts that will promote the Yukon River salmon name.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	5/17/06	7/31/07	\$69,483	AYK (Yukon River)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45653	YRDFA: Kaltag Fisheries Development Project - Part 2	2005	Assist the community of Kaltag to seek additional funds for completion of the fish plant through the Federal Emergency Disaster Assistance. In addition, provide technical assistance with soliciting tenants to lease the plant and any additional assistance related to fisheries business management.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	6/1/06	9/1/07	\$17,167	AYK (Yukon River)
45654	YRDFA: Local Fisheries Technicians - Part 2	2005	Fund local Fisheries Technicians to work with ADF&G. Provide local Yukon River resident involvement at various test fishery locations within the Yukon River Drainage.	Yukon River Drainage Fisheries Association (YRDFA)	CD: RM&E	7/1/06	6/30/08	\$95,086	AYK (Yukon River)
45655	YRDFA: Sub-Regional Yukon River Marketing Program	2005	Support a local processor as it develops a marketing program comprised of magazine ads, website promotions, and mail-order catalogs targeted at different demographic groups.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	7/1/06	6/30/07	\$11,444	AYK (Upper Yukon River)
45656	YRDFA: Quality Training for Yukon Fishermen - Part 2	2005	Through trainings and informational sessions, commercial fishermen on the Yukon River will be provided with information means and methods to increase the quality of their catch. Meetings will also take place with the processors to learn more about their practices in order to create a working partnership towards progress at the different levels of fish handling.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	6/1/05	6/30/07	\$4,495	AYK (Yukon River)
45657	YRDFA: Yukon River District Y-2 Fisheries Development	2005	This project is an economic development opportunity project to assist with the establishment of a commercial chum salmon fishery on the lower Yukon River and strengthen the long-term economic viability of Yukon River salmon fishing communities. The objective of this project is to revitalize a commercial chum fishery in Yukon River District Y-2, a goal important to both ADF&G and to the YRDFA's Board of Directors.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	4/1/07	1/31/08	\$20,600	AYK (Lower Yukon River)
45659	YRDFA: Fisheries Outreach & Advocacy	2005	The Yukon River Drainage Fisheries Association (YRDFA) will facilitate fishermen's involvement in management decisions, participate in decision-making forums, and cultivate coalitions between Yukon River groups and organizations. Staff will design and plan cooperative efforts to address fisheries management issues on the Yukon River, promoting healthy wild salmon fisheries in management forums.	Yukon River Drainage Fisheries Association (YRDFA)	O&E	11/1/09	3/31/10	\$73,242	AYK
45661	Subsistence Salmon Harvest Report - Southeast/Yakutat Region	2005	The purpose of this study is the development of a Southeastern AK subsistence salmon harvest report with subsistence salmon harvest data for the years 1995 through 2005.	ADF&G, Subsistence Division	RM&E	12/29/06	6/30/09	\$39,671	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45662	KWC: Outreach and Education	2005	KWC proposes to develop an exciting, eye-catching brochure that will educate the local population regarding the importance and methods of maintaining a healthy watershed resulting in sustainable habitat for salmon. It will be distributed to every home, school, business, and to the visitor industry in Klawock and Craig, AK.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: O&E	3/26/07	12/31/07	\$17,876	Southeast
45663	KWC: Stream Survey 1	2005	Stream surveys of all of the watershed streams will be done to test water quality, turbidity levels, and oxygen levels. Data will be collected twice a week for 45 weeks and used in updating the watershed restoration plan and in making decisions related to restoration activities.	Alaska Fisheries Development Foundation (AFDF)	CD: P&A	3/27/06	12/31/07	\$23,333	Southeast
45664	AFDF: Salmon Byproduct Documentary	2005	This project funds the production of an educational video documenting the use of salmon byproducts as a sustainable source of omega-3 fish oil.	Alaska Fisheries Development Foundation (AFDF)	CD: O&E	8/1/07	11/1/08	\$131,102	Statewide
45666	AYK: Alaska Native Science and Engineering Program - Phase 1	2005	Over a five year period within the AYK region and the state, Alaska Native Science & Engineering Program will develop and implement a sustainable longitudinal educational pathway that leads Alaska Native and rural students from their sophomore year in high school through University graduation with a Fisheries or related Biological Science degree. This project funds the first 2.5 years of the program. Phase 2 will be funded by AKSSF separately as project 45715.	University of Alaska Anchorage (UAA)	CD: O&E	11/15/07	5/31/10	\$428,220	AYK
45667	AYK: Climate Ocean Effects Chinook Salmon - Phase 2	2005	This project (Phase 2 of 3) will determine whether the ocean environment is a more important cause of variation in the abundance of salmon populations than marine fishing. The goal of this project is to identify and evaluate life history patterns of use of marine resources (habitat and food) by Chinook salmon, and to explore how these patterns are affected by climate-ocean conditions in the Bering Sea and North Pacific Ocean. <i>Phase 2 continues work begun in AKSSF project 45559.</i>	University of Washington, School of Aquatic and Fisheries Science and Kawerak, Inc. (UW, SAFS)	CD: RM&E	3/1/08	06/30/09	\$239,890	AYK (Bering Sea)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45670	AYK: Fecundity of Yukon Chinook	2005	This project will conduct the first comprehensive investigation of the fecundity of Yukon River Chinook salmon populations. Investigators will determine whether length-adjusted fecundity differs among genetically identifiable population groups of Yukon River Chinook salmon; determine whether length-adjusted fecundity among genetically identifiable population groups of Yukon River Chinook salmon is correlated with migration distance; and determine whether length-adjusted fecundity of Yukon River Chinook salmon originating in the middle and upper portions of the drainage changed between 1971, 1989, 2005, and 2008.	US Fish and Wildlife Service (USFWS)	CD: RM&E	5/27/08	1/29/10	\$58,353	AYK (Yukon River)
45671	AYK: Norton Sound Chinook Growth & Production	2005	This project will compare Norton Sound Chinook growth with that of Yukon and Kuskokwim Chinook salmon. It will provide a database of scale growth measurements standardized by the effect of prior-year growth, if necessary, and will test the hypotheses that growth is related to environmental factors, regime shifts, Chinook abundance trends, and interactions with pink salmon (primarily Kamchatka stocks, which are highly abundant in recent years).	Natural Resources Consultants, Inc. (NRC)	CD: RM&E	5/23/08	3/31/10	\$74,897	AYK (Norton Sound)
45672	AYK: Productivity of Kuskokwim Juvenile Coho	2005	Using historical and new coho scale collections, PI will estimate and compare juvenile coho length-at-age in eight Kuskokwim area tributaries during four recent years, compare these growth estimates with temperature, stream characteristics, and indices of adult coho productivity and pink salmon abundance (prey source) in the eight tributaries. PI will also estimate length-at-age of juvenile Kuskokwim River coho during 1967 to 2006 and compare growth with air temperature during the growing season.	Natural Resources Consultants, Inc. (NRC)	CD: RM&E	5/28/08	3/31/10	\$76,659	AYK (Kuskokwim River)
45673	AYK: Fish River Production Models Testing - Phase 1 of 2	2005	Project testing will entail capture and marking of juvenile salmon to estimate abundance. Juvenile salmon will be marked and tagged using methods that allow computation of freshwater survival during downstream migration and subsequent marine survival. Field validation of habitat use predictions will allow assessment of some of the abiotic and biotic variables driving the abundance and distribution of juvenile salmon (especially Chinook and coho) in AYK watersheds. Smolt production and marine survival data will allow adult spawner returns to be estimated, which can then be compared to historic returns to assess the likelihood of under-escapement and the potential for harvest demand to exceed supply.	Norton Sound Economic Development Corporation (NSEDC)	CD: RM&E	5/23/08	3/31/10	\$304,059	AYK (Norton Sound)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45674	AYK: Landscape Predictors of Coho Salmon - Phase 1 of 2	2005	This research will yield geospatial data specific to the Nome River basin, modeling tools for assessing freshwater controls on the abundance of salmon that are potentially applicable to other Norton Sound basins, and methods for developing geospatial data as hydrogeomorphic predictors for models of salmon production elsewhere in the AYK region.	United States Forest Service, Pacific Northwest Research Station (USFS)	CD: RM&E	5/30/08	3/31/10	\$361,789	AYK (Norton Sound)
45675	AYK: Ecotypic Sockeye Variation Phase 1 of 2	2005	This study seeks to determine whether the biocomplexity that may contribute to run stability is present in Kuskokwim drainage sockeye runs. PI will measure biocomplexity in these sockeye runs by quantifying diversity in life-history, morphological (body shape), and genetic traits across different spawning aggregations.	University of Montana (UM)	CD: RM&E	6/12/08	3/31/10	\$171,937	AYK (Kuskokwim River)
45676	AYK: Juvenile Salmon Dispersal Drifter Base View - Phase 2 of 3	2005	This project (Phase 2 of 3 - the second field season) is part of a systematic effort to investigate the circulation field of the nearshore Bering Sea, which appears to serve as both a critical salmon habitat and a migratory corridor. To examine possible salmon dispersal pathways this project will deploy satellite-tracked drifters in lower Kuskokwim Bay. <i>Phase 2 continues work begun in AKSSF project #45560.</i> Daily project reports will be posted to the project website: (http://www.ims.uaf.edu/NPRBdrifters/).	University of Alaska Fairbanks (UAF)	CD: RM&E	7/1/08	3/31/10	\$197,920	AYK (Bering Sea)
45677	AYK: Historical Analysis of AYK & Asian Chum - Phase 1 of 2	2005	The goal of the project is to evaluate effects of climate change, abundance and growth of Asian chum salmon, and interactions with pink salmon on the growth and abundance of Kuskokwim and Norton Sound chum salmon.	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/08	3/31/10	\$95,199	AYK (Bering Sea)
45678	AYK: Genetic Analysis - Ph 3 of 4 (719)	2005	The primary objective of this genetic analysis is to determine the origins of chum salmon caught incidentally in groundfish fisheries and in other surveys in which admixtures of chum salmon populations are collected. The intent of the work is to learn about the marine distributions of chum salmon populations, seasonal variations, or of regional aggregations of chum salmon populations, in the Bering Sea. <i>This project continues work begun in AKSSF project #45497 (Phase 1) and 45562 (Phase 2).</i>	Alaska Fisheries Science Center (AFSC) National Marine Fisheries Service (NMFS) Ted Stevens Marine Research Institute	CD: RM&E	4/1/09	3/31/10	\$185,376	AYK
45679	AFDF: Bristol Bay Salmon Quality Tracking Pilot Study	2005	AFDF will contract with Digital Observer, Inc. to conduct a pilot study employing a tagging and tracking system that allows processors to track salmon back through the supply chain to the harvesters.	Alaska Fisheries Development Foundation (AFDF)	CD: RM&E	5/1/08	12/31/08	\$28,518	Central (Bristol Bay)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45680	AFDF: Perishable Handling Container Tests	2005	This project will lease the prototype container for five months to conduct test transports of salmon in the refrigerated container to determine the appropriateness of the technology for different high quality value-added salmon products. Different airports throughout Alaska will be tested employing different carriers capable of handling LD3-containers. Shipment via truck may be completed to test the multi-modal approach in bringing salmon from processors to airports, particularly on the Kenai Peninsula.	AFDF	CD: EN	5/8/08	10/31/08	\$28,299	Statewide
45681	Kenai River Sportfishing Association (KRSA): Kenai River DIDSON Sonar Evaluation	2005	This study will evaluate whether the use of high-resolution, long-range DIDSON sonar will allow better classification of fish targets to species in the Kenai River, and improve the precision and accuracy of estimates of Chinook salmon abundance.	ADF&G, Sport Fish Division	CD: RM&E	2/1/07	6/1/08	\$31,993	Central (Cook Inlet)
45682	KRSA: Additions to Anadromous Stream Catalog	2005	Using the recently completed wetland map developed by the Kenai Watershed Forum in conjunction with the Kenai River Center, we will evaluate streams that are hydrologically connected to the Kenai River and judged likely to have juvenile salmonids, but are currently unmapped in the state's anadromous catalog. We will live-trap juvenile fish in 40 streams/wetlands identified as having a high probability of supporting juvenile salmonids. We will also correct the location of streams where they are mapped in the wrong location.	Kenai Peninsula Economic Development District (KPEDD)	CD: P&A	8/1/07	3/31/08	\$15,335	Central (Cook Inlet)
45683	KRSA: Evaluation of Kenai River Streambank Restoration	2005	As many as seven miles of streambank on the Kenai River have been treated by various restoration techniques since 1995. These projects are designed to improve shoreline aquatic habitat and to control bank erosion. This project will evaluate the effectiveness of fish habitat restoration projects on the Kenai River, and will provide information that can be used to develop guidelines and criteria for identifying and implementing beneficial habitat projects.	Inter-Fluve, Inc.	CD: P&A	3/11/08	3/31/10	\$128,344	Central (Cook Inlet)
45684	KRSA: Soldotna Fishwalk - Ph. 4	2005	This Phase 4 project will refabricate and install stair materials funded by AKSSF project #45532 on the upstream side of the Kenai River bridge, construct and install an approximately 12 tread aluminum stair unit connecting to the under bridge trail, and construct and install approximately 30 feet of elevated light penetrating gratewalk.	City of Soldotna, Parks and Recreation	CD: HP&R	5/30/09	4/30/10	\$61,944	Central (Cook Inlet)
45686	KWC: 6000 Road Culvert Replacement/Fish Passage	2005	A large beaver dam has been built above one of the culverts causing extensive pooling that floods the road. This project entails removing the no-longer-used beaver dam (beavers have been trapped out), placing fish accessible culverts at three locations, and excavating a small amount of ditching at the sites.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: HP&R	6/1/07	10/2/07	\$29,720	Southeast

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45687	Fisheries Project and Issues Coordination - Phase 5	2005	This project funds the work of the Special Assistant to the Commissioner and other efforts related to State of Alaska participation in Pacific Northwest salmon Endangered Species Act issues; oversight of all aspects of AK's utilization of federal PCSRFs (AKSSF); and provision of fisheries advisory support to the Commissioner of Fish and Game. This project continues AKSSF project 45519.	ADF&G, Commercial Fisheries Division	CD: Project Administration (PA)	7/1/08	6/30/10	\$244,686	Statewide
45688	AFDF: Education and Outreach FY08	2005	This project builds upon AFDF's past efforts in supporting efficiencies in the salmon harvesting and processing industry by collaborating with Alaska Sea Grant College Program in producing materials on salmon handling, processing, and products; convening two technology transfer forums at 2007 Pacific Marine Expo for industry members to discuss emerging processing and handling techniques for salmon flesh and salmon processing waste; and developing a web-based seminar series with Global Food Collaborative specifically to address advances in handling, processing, and recovery of value with Alaska salmon. <i>This project is one of two that continues work begun in AKSSF project 45622. See also 45689.</i>	Alaska Fisheries Development Foundation (AFDF)	CD: O&E	10/8/07	6/30/08	\$28,246	Statewide
45689	AFDF: Product Innovation and Technology	2005	This project will support the AFDF efforts to recognize innovation by the industry in salmon products, expose market interests to this innovation, and assess comparable innovative efforts with competition from international interests and farmed salmon. This project will also support technology transfer by allowing participation in national and international forums and expositions showcasing innovation in the handling, processing, packaging, and quality control measures of salmon. <i>This project is one of two that continues work begun in AKSSF project 45622; see also project 45688.</i>	Alaska Fisheries Development Foundation (AFDF)	CD: EN	10/10/07	6/30/08	\$28,094	Statewide
45690	KWC: Erosion Controls	2005	This project will protect and restore watershed habitat on tribal land owned by Klawock Heenya Corporation and Shaan Seet, Inc. Per the current Klawock Watershed Master Restoration Plan, KWC identified the following needs: the closure of roads 5025000 and 5032000; the seeding and fertilization of three landslides in Three Mile Creek Basin; and construction of erosion controls. These measures will reduce the amount of sediment in Three Mile Creek.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: HP&R	3/1/08	12/31/08	\$42,823	Southeast
45691	KWC: Klawock Watershed Master Plan Update 2008	2005	The updated Klawock Watershed Master Plan produced with this funding will consolidate information for use in directing future work in the Klawock watershed on public land as well as on tribal land owned by Klawock Heenya Corporation and Shaan Seet, Inc.	Klawock Cooperative Association for Klawock Watershed Council (KWC)	CD: P&A	3/1/08	12/31/08	\$71,719	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45697	MOA: Fish Passage Barrier Analysis, Ship, Chester, and Campbell Creeks - Part B	2005	The MOA, in partnership with ADF&G, will utilize FishXing, a hydraulic model, to examine fish passage conditions at approximately 56 culverts previously identified within the Ship, Chester, and Campbell Creek watersheds. Existing information is inadequate to determine if the identified culverts are able to pass fish. This information will be used to help the City and its program partners prioritize culverts for additional fish passage improvement project work. This work will be jointly implemented by the MOA with AKSSF project 45645 (Part A) and the ADF&G with AKSSF project 45697 (Part B).	Municipality of Anchorage (MOA)	CD: P&A	4/21/08	3/31/09	\$81,577	Central (Cook Inlet)
45698	MOA: Campbell Creek Fish Habitat Rehabilitation - Phase 2, Part B	2005	This project funds ADF&G habitat and streambank restoration staff to: 1) consult on the streambank restoration projects managed by the MOA under AKSSF project numbers 45643 and 45779 (Part A), and 2) conduct a 2-day workshop in the Anchorage area to teach proper restoration techniques and their appropriate application.	ADF&G, Sport Fish Division	CD: O&E	2/15/08	06/30/09	\$10,100	Central (Cook Inlet)
45699	MOA: Campbell Creek Gaging Station	2005	This project will employ a continuously recording gaging station on Little Campbell Creek (LCC) to obtain stream flow records for the next two years. The data collected will augment previous years gaging data from the same location.	Municipality of Anchorage (MOA)	CD: HP&R	3/15/08	05/31/10	\$60,096	Central (Cook Inlet)
45061 (600)	AYK: Kogruklu R. Weir Component Relocation	2005	This project will fund helicopter charter, air transportation, and crew time to relocate resistance board weir components from the Kogruklu River weir site to the community of Aniak for distribution and use at existing Kuskokwim Area resistance board weir programs.	ADF&G, Commercial Fisheries Division	RM&E	6/1/10	6/30/10	\$64,858	AYK (Kuskokwim River)
45096 (600)	AFDF: Project Support FY10	2005	The focus of this project is the development and administration of industry-prioritized salmon enhancement projects including those that improve the handling, processing, transporting, new product development, and alternative uses of salmon flesh and non-flesh materials; and research and studies on bycatch reduction <i>This project continues work begun in AKSSF projects 45151 (700) and 45067 (600).</i>	Alaska Fisheries Development Foundation (AFDF)	CI: P&A	10/1/09	5/30/10	\$90,488	Statewide
45097 (600)	Transboundary River Sockeye Salmon Genetics	2005	This project will complete genetic stock identification (GSI) analysis on sockeye salmon tissue samples collected from commercial net fisheries in areas in and near the Stikine and Taku Rivers in Southeast Alaska (SE AK). The analysis will focus on tissue samples collected in two fishing districts (108 and 111) and on improving representation of transboundary river sockeye in the SE AK baseline. An understanding of stock composition in these fisheries is important for sustainable management under the Pacific Salmon Treaty (PST).	ADF&G, Commercial Fisheries Division	RM&E	5/1/10	6/30/10	\$226,485	Southeast

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45124	AYK: Rapids Student Data Collection	2006	Presently there is a lack of consistent ASLWG and visible disease information on Yukon River Chinook salmon bound for the Upper River and Canada. These types of data are essential for the effective management of the many salmon species that migrate upstream each year. This project gives students an opportunity to participate in data collection for biological studies and to develop their interest in future fisheries work.	Rapids Research Center	CD: RM&E	6/18/08	3/31/11	\$34,474	AYK (Upper Yukon River)
45125	AYK: Kuskokwim River Coho Genetics - Year 1	2006	PI will obtain run timing and relative abundance information for the coho stock upstream of the Takotna River by estimating the stock composition of coho salmon sampled from the Bethel test fishery for four temporal strata per year over a three year period.	US Fish and Wildlife Service (USFWS)	CD: RM&E	6/23/08	3/31/11	\$255,088	AYK (Kuskokwim River)
45126	AYK: Biological Sampling of Yukon River Salmon	2006	This project will continue escapement monitoring and salmon data collection projects, historically managed by ADF&G, which have been recently vacated. These projects include Toklat River fall chum salmon escapement and age, sex, and length (ASL) data collection, and the Nenana River coho salmon escapement surveys. This project also supports ADF&G's request for TCC's assistance in subsistence harvest data collections from the Koyukuk River drainage in the communities of Bettles, Alatna, Allakaket, Hughes, and Huslia.	Tanana Chiefs Conference (TCC)	CD: RM&E	8/1/08	3/31/11	\$569,045	AYK (Upper Yukon River)
45127	AYK SSI Expert Panel Priority 8	2006	The AYK SSI SC requested that the STC organize an Expert Panel for the purpose of addressing Research Priority #8 from the AYK SSI Research and Restoration Plan: Escapement goal setting to ensure sustainable fisheries. The Expert Panel, appointed to implement this task, will address and advance this research hypothesis by undertaking quantitative analysis and providing advice on appropriate methods and strategies for establishing effective harvest policies for AYK salmon stocks.	Bering Sea Fishermen's Association (BSFA)	CD: P&A	6/26/09	3/31/11	\$277,819	AYK
45128	AYK: Climate-Ocean Effects Chinook – Ph.3	2006	The goal of this project is to identify and evaluate life history patterns of use of marine resources (habitat and food) by Chinook salmon, and to explore how these patterns are affected by climate-ocean conditions in the Bering Sea and North Pacific Ocean.	University of Washington, School of Aquatic & Fishery Sciences (UW - SAFS)	CD: RM&E	7/1/09	6/30/10	\$190,459	AYK (Norton Sound)

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45129	YRDFA: Administration and Management FY08	2006	YRDFA will work to develop new projects, manage current projects, and evaluate previous projects supported by the AKSSF. This includes both the development of new goals and objectives and the financial and managerial program oversight, and the representation of Yukon River fishers at numerous state, federal, and international forums, councils and agencies which make decisions impacting the Yukon River, the salmon, and the fishers.	Yukon River Drainage Fisheries Association (YRDFA)	CD: P&A	10/12/07	10/31/09	\$241,268	AYK (Yukon River)
45130	YRDFA: Salmon Research, Monitoring, and Evaluation FY08	2006	Through this project the YRDFA Fishery Biologist will participate in regulatory meetings to provide an independent scientific view for Yukon River fishers on fisheries research and management decisions; provide scientific analysis on a broad range of marine, in-river management, and habitat issues and proposals to inform YRDFA's policy advocacy; and determine YRDFA's scientific direction.	Yukon River Drainage Fisheries Association (YRDFA)	CD: EN	10/17/07	06/30/09	\$61,533	AYK (Yukon River)
45140	KRSA: Soldotna Classic Fishwalk - Phase 3	2006	This Phase 3 project will construct an elevated walkway to provide angler access across a wet boggy area, improving public safety and protecting the fragile fish habitat and riparian vegetation. The project is located immediately downstream of the Soldotna bridge near the City of Soldotna Visitor Center. This project installs approximately 30 linear feet of 5' wide elevated walkway linking two trails; the under-bridge (non-ADA gravel) trail, and the ADA elevated walkway trail. This project continues the work of AKSSF projects 45620 and 45140 (700).	City of Soldotna	CD: HP&R	4/17/08	6/30/08	\$16,995	Central (Cook Inlet)
45141	KRSA: Kenai River Smolt Abundance - Phase 2	2006	A mark-recapture experiment will be conducted cooperatively between ADF&G Commercial Fisheries and Sport Fish Divisions, and Cook Inlet Aquaculture Association (CIAA), to estimate passage (abundance) of Kenai River sockeye salmon at river kilometer (rkm) 31.4 using weirs at Hidden Creek and Russian River as recapture sites. The mark-recapture abundance estimate will be used to evaluate the accuracy of sonar estimates of sockeye salmon passage (abundance) at rkm 31.4. <i>This Phase II project continues work begun in AKSSF project #45529.</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/08	11/1/09	\$76,008	Central (Cook Inlet)
45142	KRSA: Kenai River Watershed Assessment	2006	KWF will conduct a detailed watershed characterization of the Kenai River and 25 tributary watersheds as small as 5,400 acres. These tributary watersheds cover the extent of the Kenai River drainage ranging from No Name Creek near the mouth to the Snow River at the headwaters (Figure 1). This analysis, using a Geographic Information System (GIS), will summarize the existing conditions, including land uses and natural disturbances of these watersheds, and isolate areas that may be posing a threat to Kenai River salmonid habitat and fisheries.	Kenai Watershed Forum (KWF)	CD: P&A	5/15/08	3/31/11	\$71,185	Central (Cook Inlet)

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45143	KRSA: Kenai River Chinook Salmon GSI	2006	ADF&G will collect stock composition information from returning Kenai River Chinook salmon and from Chinook salmon harvested in the sport fishery. Chinook salmon will be captured in the lower Kenai River to estimate stock composition and determine overlap in the return timing of tributary and mainstem spawning fish. Chinook salmon harvested in the sport fishery will be sampled to estimate the sport harvest stock composition.	ADF&G, Sport Fish Division	CD: RM&E	6/4/08	3/31/11	\$163,534	Central (Cook Inlet)
45144	KRSA: Kenai River Smolt Abundance - Phase 2	2006	Mark-recapture methods will be used to estimate the population size of sockeye salmon smolts emigrating from the Kenai River watershed using the Russian River stock as a genetic mark. Smolt sampling will occur from May through June each year. The size and age composition of Russian and Kenai River sockeye salmon smolts will also be estimated from samples collected each week. <i>This project continues work begun in AKSSF project #45571.</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/08	2/28/10	\$231,414	Central (Cook Inlet)
45145	KRSA: Dave's Creek Habitat Restoration	2006	Tern Lake and Dave's Creek are key spawning and rearing areas on public land in the Kenai River watershed. This project will improve stream habitat in an adversely affected section of stream for all five species of salmon (coho, pink, sockeye, chum, and Chinook) as well as Dolly Varden char and rainbow trout. Fish habitat restoration in Dave's Creek will be accomplished by redesigning the stream channel away from the highway fill slope. This stream will be improved by decreasing channel gradient, increasing pool habitat and complexity, and enhancing flood plain access leading to an additional 30% in fish habitat availability in the impacted reach.	US Forest Service	CD: HP&R	4/14/09	6/30/10	\$175,014	Central (Cook Inlet)
45150	AFDF: Salmon Co-Product - Phase 2	2006	AFDF, as an industry-based foundation, will work with its members and the salmon processing industry in researching and developing methods to optimize the use of salmon and to strive towards full utilization by increasing the recovery of salmon processing waste and by developing byproducts. This project involves technology and innovation, and offers significant long-term benefit to the industry's financial bottom line.	Alaska Fisheries Development Foundation (AFDF)	CD: EN	9/24/07	6/30/09	\$359,601	Statewide
45151	AFDF: Project Support FY08	2006	The focus of this project is the development and administration of industry prioritized salmon projects. Specifically, this project will conduct a set of activities that include: <ul style="list-style-type: none"> • solicitation, through industry outreach, projects that enhance economic recovery of Alaska salmon through improvements in handling, processing, transporting, and developing new products and alternative uses of salmon flesh and non-flesh materials; • development statements of work and supporting information for projects consistent with AKSSF requirements; and • administration of projects to meet milestones and prepare deliverables consistent with approved statements of work. 	Alaska Fisheries Development Foundation (AFDF)	CD: P&A	7/30/07	9/30/08	\$205,771	Statewide

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45153	AFDF: Alaska Salmon Co-Products - the Future	2006	This project will develop a six-minute DVD in an 'edu-tainment' format that will highlight the opportunities for producing several salmon co-products: oils (human grade, for pets, and industrial uses); biofuels that can be used to power industrial boilers and other equipment including boats and cars; and 'other' categories, including salmon skins, gels, films, and uses in the pharmaceutical and cosmetic industries. Project results will be made available to the public on the AFDF website (www.afdf.org).	AFDF	CD: EN	10/1/08	06/30/09	\$32,960	Statewide
45159	AYK: Genetic Analysis Chum - Ph.4 of 4 (719)	2006	This project will perform genetic analysis on archived chum salmon samples from the Bering Sea and Gulf of Alaska in order to determine the compositions of chum salmon aggregations in different regions of the eastern Bering Sea, their seasonal variation, and their variation among years. The results are expected to shed light on ocean migration patterns and abundances and help determine the impact of chum bycatch on Western Alaska chum returns. <i>This project continues work begun in AKSSF projects 45497, 45562, and 45678.</i>	Alaska Fisheries Science Center (AFSC) National Marine Fisheries Service (NMFS) Ted Stevens Marine Research Institute	RM&E	4/1/10	3/31/11	\$14,785	AYK
45169	AFDF: Setnet Salmon Quality Enhancement	2006	To improve seafood quality, safety, and efficiency and maximize participation in a high-quality sockeye program, Alaska Fisheries Development Foundation (AFDF) will contract with Aleutia to purchase 30 small insulated plastic fish totes (quarter totes) for use by skiff fishermen. Additionally, Aleutia will purchase 30 data logger temperature monitors, one data shuttle, and accompanying computer software. These simple-to-implement monitors log in-tote chill temperatures at set intervals to ensure totes are being used appropriately and the fish has been chilled adequately.	Alaska Fisheries Development Foundation	CD: EN	12/12/10	3/31/10	\$14,518	Westward
45170	MOA: Salmon Habitat Restoration	2006	This project will implement specific habitat restoration programs including fish passage improvements along Little Campbell Creek to restore fish passage and improve downstream water quality; and streambank restoration projects in partnership with the Anchorage Park Foundation's Youth Employment in Parks program. This project will also provide funding for the MOA Creeks Coordinator position for salmon habitat related creek and salmon program coordination and administration within the MOA, enhanced monitoring and outcome measurement of AKSSF habitat projects, and coordination with the MOA's Watershed & Natural Resources Commission. <i>This project continues work begun in AKSSF projects 45508, 45643, 45778, and 45779.</i>	Municipality of Anchorage (MOA)	HP&R	7/9/09	3/31/11	\$114,744	Central (Cook Inlet)

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45701	UFA: Subsistence Education - Year 5	2006	Provide information on and raise public awareness regarding subsistence fisheries and management to under-represented groups/citizens via newsletters, website, office presence, and informational presentations.	United Fishermen of Alaska (UFA)	CD: O&E	10/19/06	6/30/08	\$98,026	Statewide
45702	Haines Office/Lab Upgrades/Replacement - Year 3	2006	Replace and upgrade an existing pre-statehood facility that is marginally functional with a new energy efficient modular office/lab facility. The facility will include many features that currently do not exist in the current structure, but are necessary to better manage the fishery.	ADF&G, Office of the Commissioner	EN	10/31/06	6/30/07	\$77,250	Southeast
45703	Southeast Sustainable Salmon Fund Technical Assistance	2006	Funds the accounting position in the ADF&G Administration Office that is responsible for the project paperwork that is approved for processing by the AKSSF office (i.e., contracts, Reimbursable Service Agreements, and Cooperative Agreements). This position will also monitor payments to ensure timely completion, and respond to agencies inquiring on payment status and/or contract, Reimbursable Service Agreement or Cooperative Agreement status.	ADF&G, Administration/Headquarters	PA	12/1/06	6/30/11	\$66,950	Statewide
45704	Southeast Alaska Chinook Salmon Port Sampling - Part 2	2006	Sampling Alaskan Spring troll fisheries for coded-wire tags. This project is entirely devoted to data collection. Modeling or mathematical analysis will take place under other projects.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$77,600	Southeast
45705	Chilkat River Smolt Coded-Wire-Tag Project -Year 2	2006	The goal of this proposal is to continue stock assessment efforts to address information gaps for these two stocks. We propose to continue using AKSSF monies to coded-wire tag Chinook and coho salmon smolt in the spring of 2008 in the Chilkat River.	ADF&G, Sport Fish Division	RM&E	7/1/07	8/31/08	\$114,024	Southeast
45706	Chickamin River Coho Escapement - Year 2	2006	A two-event coho salmon mark-recapture experiment will be conducted in August-October of 2007. We propose to use AKSSF funds to mark returning adult coho salmon in August-September in Event 1 and inspect fish on the spawning grounds in September-October in Event 2.	ADF&G, Sport Fish Division	RM&E	7/1/07	6/30/08	\$64,656	Southeast

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45707	Chinook Technical Committee Biometrician -Year 2	2006	This proposal would secure funds to hire a Biometrician to perform biometrical analyses, statistical analyses and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty, and to aid in the management of Chinook salmon fisheries of Southeast AK.	ADF&G, Commercial Fisheries Division	EN	7/1/07	6/30/08	\$84,460	Statewide
45708	Stikine River Coded-Wire Tag Project - Year 4	2006	This project will provide estimates of smolt abundance and harvest that, combined with estimates of escapement (funded through a separate study), will also provide estimates of total production, exploitation, and marine survival by brood year for Stikine River Chinook salmon. Results will be used to implement abundance-based management for this stock, an obligation of AK in the 1999 Pacific Salmon Treaty Agreement.	ADF&G, Sport Fish Division	RM&E	7/1/07	6/30/08	\$88,626	Southeast
45709	Chickamin River Coho Salmon Coded-Wire Tag Project	2006	Coho salmon smolts will be captured in spring 2008, implanted with a coded-wire tag, marked with an adipose fin clip, and released. In 2009, adults will be sampled for the presence of coded-wire tags inriver and in the various marine commercial and recreational fisheries. Smolt production and adult harvest will be estimated.	ADF&G, Sport Fish Division	RM&E	7/1/07	6/30/08	\$71,276	Southeast
45710	Mark Tag and Age Lab Support - Year 1	2006	The workload of the ADF&G Tag Lab has increased because of additional coded-wire tagging programs, recent large returns of Chinook and coho salmon, and from effects of mass marking programs instituted elsewhere along the Pacific coast. The ADF&G Thermal Mark Lab's load has also increased with increased hatchery production requiring processing of more otoliths for thermal mark recovery. This project will support the increased costs of both of these labs.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$83,000	Southeast
45711	ASMI: National Consumer Education Campaign	2006	ASMI will launch a consumer television education campaign on the Food Network (cable TV).	Alaska Seafood Marketing Institute (ASMI)	EN	10/31/06	6/30/07	\$686,917	Statewide
45712	Salmon Aerial Surveys - Year 3	2006	This funding will provide additional flight time to conduct aerial salmon surveys. Aerial surveys are the only methodology to adequately assess the escapement and run strength of the vast majority of pink and chum salmon streams in Southeast AK and sockeye and coho salmon streams in Yakutat.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$68,884	Southeast
45713	Hugh Smith Sockeye Adult and Juvenile Sampling	2006	This project will conduct a comprehensive program to estimate juvenile survival, abundance, and size, and to partition abundance into wild-origin and hatchery-origin fish in years affected by supplemental stocking. Previous AKSSF projects related to this study: 45218, 45421, and 45609.	ADF&G, Commercial Fisheries Division	RM&E	3/15/07	6/30/08	\$113,300	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45715	AYK: Alaska Native Science & Engineering Program -Ph.2 of 2 (735)	2006	Over a five year period within the AYK region and the state, Alaska Native Science and Engineering Program will develop and implement a sustainable longitudinal educational pathway that leads Alaska Native and rural students from their sophomore year in high school through University graduation with a Fisheries or related Biological Science degree. <i>This project funds Year 5 of the program. Years 1-4 are funded in 45666.</i>	University of Alaska Anchorage (UAA)	CD: O&E	6/1/10	6/30/11	\$154,500	AYK
45716	AYK: Kuskokwim R. Coho – Ph. 3 of 3	2006	This project (Phase 3 of 3) conducts a radio-telemetry mark-recapture study on Kuskokwim River coho salmon. The completion of all three phases will allow assessment of the distribution, abundance, and stock specific parameters of Kuskokwim River coho salmon. <i>This project continues work begun in AKSSF project #45349 (Phase 1) and #45565 (Phase 2).</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	4/1/09	3/31/11	\$324,656	AYK (Kuskokwim River)
45717	AYK: Upper Yukon River AWC	2006	This project will conduct a rapid, systematic inventory of anadromous fish distribution and associated aquatic and riparian habitat characteristics in selected headwater streams within selected areas of the Upper Yukon River. Two crews will sample standardized target stream reaches using backpack electrofishers to determine the farthest upstream extent or limit of anadromous fish use. Project investigators will use an abbreviated version of the existing ADF&G habitat assessment protocols to document aquatic and riparian habitat characteristics associated with the target stream reaches. For each water body in which anadromous fish are observed, investigators will submit a nomination to the Anadromous Waters Catalog (AWC).	Bering Sea Fishermen's Association (BSFA)	CD: P&A	8/1/09	3/31/10	\$135,466	AYK (Upper Yukon River)
45718	AYK: Human Systems & Sustainable Salmon	2006	The Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative Steering Committee requested the Scientific Technical Committee to organize an Expert Panel for the purpose of addressing Research Priority #5 from the AYK SSI Research and Restoration Plan: <i>Human Systems and Sustainable Salmon: Social, Economic, and Political Linkages</i> . The Expert Panel appointed to implement this task will address and advance this research hypothesis, including a quantitative analysis, modeling, and development of a range of scenarios projecting future potential demand for and harvests of AYK salmon stocks.	Bering Sea Fishermen's Association (BSFA)	RM&E	12/10/09	3/31/11	\$329,234	AYK

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45719	AYK: Ecotypic Variation AYK Sockeye - Ph2 (802)	2006	This project will quantify genetic and ecotypic (life-history and morphological) diversity in two sockeye systems within the Kuskokwim drainage: Upper Holitna River and Stony River/Telaquana Lake. The study will relate this population diversity to habitat complexity and geography (physical distance) and compare the results with similar studies (separately funded) that were conducted on Bristol Bay sockeye. Results may have implications on management of the growing sockeye fishery based on the degree to which regional population abundance can be relied upon and adequately forecasted and the spatial scale at which salmon populations must be monitored. <i>This project continues work begun in AKSSF project 45675.</i>	University of Alaska Fairbanks (UAF) Fisheries Division	CD: RM&E	4/1/10	3/31/11	\$5,896	AYK (Upper Kuskokwim River)
45720	McDonald Lake Sockeye: Genetic Stock Identification - Year 1	2006	This project completes Genetic Stock Identification analysis on sockeye salmon tissue samples collected from commercial net fisheries in Southern Southeast AK. The analysis will be focused on tissue samples collected in three fishing areas, 106-30, 106-41, and 101-29 by statistical week. It will provide information on the return timing and harvest patterns of McDonald Lake sockeye.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$105,919	Southeast
45721	Pacific Salmon Management Support Personnel	2006	This project funds (salaried and contractual) work and related expenses with regard to management of Pacific salmon and their habitats. The primary focus is management under the Pacific Salmon Treaty. Work includes serving on technical committees of the Pacific Salmon Commission, participation in the development and application of salmon escapement enumeration techniques and escapement goals, the design and oversight of salmon management related projects, and the monitoring of, and participation in, forums regarding the management of Pacific salmon and conservation and restoration of salmon habitat.	ADF&G, Office of the Commissioner	EN	6/1/07	3/31/11	\$343,938	Statewide
45722	DNR: Canadian Mine Review - Phase 2	2006	The Coastal Range of British Columbia is a highly mineralized area that hosts multiple mineral deposits the development of which, because it is upstream from Alaska, has the potential for degrading Alaska waters and negatively impacting Alaska fisheries and wildlife resources. Mining projects and potential mining projects of current interest include Galore Creek, Tulsequah Chief Project, Schaft Creek, and others. This project will help protect Alaska's water quality and resources through review and comment on the permitting of Canadian mines by the State's experienced Large Mine Team under the direction of the Mining Coordinator in the Dept. of Natural Resources.	Department of Natural Resources, Alaska State Parks (DNR)	P&A	7/1/07	6/30/09	\$65,423	Southeast

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45723	SRA: Southeast AK Fleet Consolidation Plan	2006	The Southeast salmon seine fleet is a principal southeast Alaska employer and recognizes its paramount role in certain coastal communities. To that end, it determined that the import-driven fall in salmon prices and related consolidation in the processing sector called for commensurate consolidation in the seine fleet. It is almost universally recognized that if everyone stays in the fishery, no one will be profitable and the fishery will continue to teeter on economic viability. Therefore, the Southeast Revitalization Association (SRA), (a non-profit 501(c)(5) organization run by a volunteer board), was formed for the purpose of reducing or consolidating the Southeast Alaska purse seine salmon fishery. The SRA, in concert with the Commercial Fisheries Entry Commission (CFEC), will implement a consolidation plan to permanently retire an estimated ten percent (10%) of the permits issued for the fishery. 98% of the funding for this project is for direct payments to permit holders who elect to sell and relinquish their permits; the balance is for project administration.	Southeast Revitalization Association (SRA)	CD: EN	2/15/08	06/15/08	\$2,958,928	Southeast
45724	BBSRI: Ugashik River Sonar	2006	The Bristol Bay Science and Research Institute (BBSRI) will build two up-looking sonar systems to count salmon smolts on the Ugashik River in May and June, 2010. These sonar systems will be operated by BBSRI approximately 50 m below the outlet of the Lower Ugashik Lake. Separate funding sources will support the deployment and operation of these systems. BBSRI will prepare a project report providing a summary of the field program, analysis of the acoustic data, and abundance estimates of seaward bound sockeye salmon smolts. This report will be made available to ADF&G.	Bristol Bay Science and Research Institute	CD: RM&E	2/1/10	6/30/10	\$88,411	Central (Bristol Bay)
45726	Coffman Cove Chinook – Ph.4	2006	The funding provided with this project will rear and release Chinook salmon in Coffman Cove and finalize the rearing strategy and equipment purchases for the Coffman Cove Chinook enhancement project. <i>Phase 4 continues work begun in AKSSF projects 45478, 45415, and 45647.</i>	City of Coffman Cove	CD: EN	7/1/09	3/31/11	\$435,900	Southeast
45727	AVI: Afognak River Tributary Fish Pass	2006	This project will allow salmon efficient access to three miles of spawning and rearing habitat in an Afognak River tributary. Heavy equipment will be used to carve pools and channels in a natural rock formation at the falls that is currently impeding fish passage.	Alaska Village Initiatives (AVI)	CD: HP&R	1/29/10	3/31/11	\$52,769	Westward (Kodiak)
45728	AVI: Summit Lake Stream Crossing	2006	This project will install an engineered bridge with abutments on a main tributary of the Olds River along the Summit Lake Trail on Kodiak Island. Currently forded by ATV and other vehicular traffic, the bridge will protect salmon habitat and decrease the trail's impact on the Olds River watershed.	Alaska Village Initiatives (AVI)	CD: HP&R	2/1/10	3/31/11	\$133,686	Westward (Kodiak)

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45729	BBSRI: Engineering Improvements Bristol Bay Sonar	2006	This project will make several substantial improvements to an up-looking sonar system that is currently owned by the Bristol Bay Science and Research Institute (BBSRI) and operated cooperatively with ADF&G to count sockeye salmon smolts on the Kvichak River in Bristol Bay, Alaska. These modifications include: (1) adding a tilt sensor to each sonar pod, (2) modifying the software so the sonar pods can automatically mount to the network attached storage (NAS) device, (3) designing a procedure that would allow the user to systematically calibrate the sonar each year, and (4) testing an alternative power source to allow sonar to run autonomously for longer periods.	Bristol Bay Science and Research Institute (BBSRI)	RM&E	2/1/10	6/30/10	\$47,838	Central (Bristol Bay)
45730	BBSRI: Port Moller Sonar, Ph.2 of 2	2006	This project is the continuation of a two-phase project to design and operate a low-cost, low power sonar system to characterize fish behavior and enumerate salmon returning to Bristol Bay. During phase I of this project the Bristol Bay Science and Research Institute (BBSRI) invested in the non-recurring engineering costs to design and build one up-looking sonar, data storage system, and communication link. Phase II will entail building three additional sonar systems, one communication link, and the operation of the sonar systems in the Bering Sea near Port Moller, Alaska in 2010. <i>This project continues work begun in AKSSF project #45092 (600).</i>	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	3/20/10	12/31/10	\$206,355	Central (Bristol Bay)
45731	Sex Marker for Yukon River Salmon	2006	This project will develop an important research tool for Yukon River Chinook salmon management. Yukon River Chinook salmon populations are currently declining, possibly as a result of skewed sex ratios. Critical measures of reproductive success and productivity are needed to understand this situation. This project will develop a sex-linked genetic marker for escapement studies of Chinook salmon from the Yukon River.	University of Idaho Department of Biological Sciences and Center for Reproductive Biology	RM&E	5/1/10	5/1/11	\$88,822	AYK (Yukon River)
45732	Natural Indicators Salmon Run – Ph. 3 of 4	2006	This project will use a multidisciplinary team to examine environmental variables affecting salmon run timing and abundance in the Yukon River. The research team, including scientists and Alaska Natives from local communities, will develop a list of measurable natural indicators, compile data relevant to those variables, develop a study plan for analysis, and create a template for annual observations. The project will provide a framework for future analysis of natural indicators. <i>This project continues work begun in AKSSF projects 45485 and 45552.</i>	Yukon River Drainage Fisheries Association (YRDFA)	RM&E	5/1/10	3/31/11	\$50,328	AYK

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45733	Nome River Coho Salmon Smolt – Phase 4 of 4	2006	This project will examine the potential for habitat-based escapement goals for coho salmon within the Norton Sound region, providing a sixth consecutive coho salmon smolt production estimate, and a fourth estimate of marine survival for smolts from the Nome River. Results of this study will be directly relevant to examinations of habitat-based escapement models, stock management, and marine vs. freshwater influences on survival of a highly utilized salmon stock in the AYK region. <i>This project continues work begun in AKSSF projects 45495, 45581, and 45058.</i>	Norton Sound Economic Development Corporation (NSEDC)	RM&E	5/1/10	3/31/11	\$111,906	AYK (Norton Sound)
45734	CTC Biometrician II - Year 5	2006	This project will continue to fund a Biometrician II to perform biometrical analyses, statistical analyses, and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty (PST) and to aid in the management of Chinook salmon fisheries in Southeast Alaska (SE AK). <i>This project continues work begun in AKSSF projects 45634, 45707, 45830 and 45327 (800).</i>	ADF&G, Commercial Fisheries Division	EN	5/1/10	5/31/11	\$99,451	Southeast
45735	Chena River Chinook Escapement	2006	This project will estimate Chinook and chum salmon escapement on the Chena River using a combination of tower and dual-frequency identification sonar (DIDSON) counts. This project will also estimate the age, sex, and length composition of the Chinook escapement from spawned-out carcasses. Accurate escapement estimates are necessary to manage the stock and ensure a continued subsistence fishery.	ADF&G, Sport Fish Division	RM&E	6/6/10	3/31/11	\$84,405	AYK (Upper Yukon River)
45736	ACWA Program Support - Year 1	2006	Alaska Department of Environmental Conservation's ACWA program funds stewardship, monitoring, protection, and recovery activities related to anadromous water bodies in Southeast Alaska that have been deemed a high priority. AKSSF contributes to the ACWA program to support a competitive grant process that funds projects that restore, protect, or conserves water quality, quantity and aquatic habitat. This project provides support for one ADF&G employee dedicated to and instrumental to implementation of ADF&G responsibilities to the ACWA program.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$19,480	Southeast
45737	ACWA Grants - Year 2	2006	This project provides funding for ACWA related actions (stewardship, monitoring, protection, recovery) related to anadromous water bodies in Southeast Alaska that have been deemed a high priority through the ACWA process. Projects that restore, protect or conserve water quality, quantity and aquatic habitat will be chosen through a competitive grant process executed by Alaska Department of Environmental Conservation.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$51,500	Southeast

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45738	Auke Weir, Coho, Sockeye, and Pink Monitoring - Year 2	2006	The primary objectives for the coho, sockeye, and pink salmon populations are to estimate spawning escapement by time, age, sex, and size, estimate the mixed stock harvest of the coho stock, and analyze spawner-recruit data and develop biological escapement goals. This project incorporates estimates of harvest of wild salmon and information on the biology of wild salmon to meet management objectives, and will contribute to valuable long-term data sets to provide direct measures of wild salmon populations that will address linkages between amount and quality of habitat and salmon productivity.	ADF&G, Sport Fish Division	RM&E	7/1/07	6/30/08	\$23,976	Southeast
45739	US Geological Survey Gaging - Part 2	2006	The goal of this project is to target water bodies identified for their importance in production of salmon and contributing to the comprehensive expansion of the regional gaging network established by the Water Resources Division of the U.S. Geological Survey.	ADF&G, Sport Fish Division, Aquatic Resources	RM&E	7/1/07	6/30/08	\$65,000	Southeast
45741	ASLC: Salmon Exhibit Tank Inserts	2006	This project will fund design, construction, and installation of a more realistic and educationally rich salmon exhibit for ASLC visitors through the addition of lifelike molded habitat and rock structures (tank inserts) to the existing display funded with AKSSF project 45630.	Alaska SeaLife Center (ASLC)	CD: O&E	1/1/07	12/31/07	\$92,700	Central (Cook Inlet)
45742	ASLC: Resurrection Bay Salmon Restoration, Enhancement, and Research - Year 4	2006	This project will work to enhance and/or restore Chinook, coho, and sockeye salmon runs in Resurrection Bay through a coordinated program involving research, hatchery stocking, and habitat restoration of natural salmon producing systems. This project continues AKSSF projects 45536 and 45646.	Alaska SeaLife Center (ASLC)	CD: EN	1/4/07	6/30/11	\$1,373,764	Central (Cook Inlet)
45743	Hatchery Chum Salmon Straying	2006	Large-scale straying of hatchery fish into index streams that are monitored to assess spawning chum salmon populations would require ADF&G to adjust or qualify chum salmon escapement indices and escapement goals. This project will support the final year of a 3-year study to collect baseline samples from 50% of chum salmon escapement index streams in Southeast Alaska and document the occurrence and rates of straying of hatchery-produced chum salmon (study years one and two funded separately).	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	3/31/11	\$75,112	Southeast
45744	Nenana Salmon Tissue Collections	2006	This project will collect tissues samples for genetic analysis from spawning salmon populations in the Nenana River Drainage. The main focus will be on Chinook salmon at several known spawning locations and at least one fall chum population, filling a data gap in the Yukon Chinook and chum salmon genetic baseline collections.	Bering Sea Fishermen's Association (BSFA)	RM&E	6/9/10	3/31/11	\$22,063	AYK (Yukon River)

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45745	DNR Canadian Mine Review - Ph 4	2006	This project will fund interagency technical reviews of numerous proposed mining projects in Canada which have the potential to negatively impact water quality and quantity in Alaska's salmon streams. <i>This project continues work begun in AKSSF projects 45285, 45722, and 45091 (600).</i>	Alaska Department of Natural Resources (DNR)	P&A	7/1/10	4/30/11	\$29,354	Southeast
45750	Fisheries Project and Issues Coordination	2006	This project provides oversight of the Alaska Sustainable Salmon Fund and fisheries advisory support to the Commissioner of ADF&G.	ADF&G, Commercial Fisheries Division	CD: PA	6/14/10	6/30/11	\$226,110	Statewide
45751	PCSRF Technical Assistance FFY06	2006	This project provides administrative support for ADF&G's management of the Alaska Sustainable Salmon Fund (AKSSF). AKSSF staff will assist with project management, implementation, fiscal management, and oversight of the program to ensure appropriate use of federal funds on behalf of the State of Alaska.	ADF&G, Commercial Fisheries Division	PA	7/1/10	6/30/11	\$267,111	Statewide
45752	Homogeneity of Chinook in Trawls	2006	This project will determine the genetic uniqueness of Chinook salmon taken in individual groundfish hauls and areas in the Bering Sea north of Unimak Pass during the spring 2009 salmon excluder device test. The main goal of this project is to determine whether salmon taken in a particular haul or location are from the same stock or have mixed with other stocks. This project will genotype the samples; the statistical analysis will be funded separately.	Alaska Fisheries Science Center (AFSC), NOAA fisheries, Auke Bay Laboratories (ABL), Ted Stevens Marine Research Institute (TSMRI)	RM&E	7/15/10	3/31/11	\$63,860	AYK
45753	Yukon River Chum Salmon Baseline	2006	This project will augment the Yukon River chum salmon baseline by genetically assaying over 4,000 samples at 13 microsatellite loci, nearly doubling the baseline size and adding seven new stocks. A larger baseline will provide more accurate stock composition estimates for managing Yukon River chum salmon.	U.S. Fish and Wildlife Service Conservation Genetics Laboratory	RM&E	7/1/10	3/31/11	\$125,660	AYK
45754	AVI: Cape Chiniak Culvert Replacement	2006	Three existing culverts on the road crossing Chiniak Creek are in advanced stages of corrosion and deterioration, causing high water velocities to flow through them. This project will replace two 8' diameter, and one 5' diameter culverts with a single 20' span multi-plate arch pipe. Removal of the existing culverts and installation of the 20' span arch pipe will result in efficient salmon passage through this Chiniak Creek crossing.	Alaska Village Initiatives (AVI)	CD: HP&R	8/17/10	3/31/11	\$175,805	Westward (Kodiak)
45755	BBSRI: Port Moller Sonar Modification 2011	2006	This project will modify and improve sonar technology developed and supported in AKSSF projects 45092 (600) and 45730. In addition to allowing the sonar systems to obtain fish swimming speed and direction, modifications include 1) adjustments to the printed circuit board (PCB), 2) software modification, and 3) and improvements to system calibration and system gain.	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	1/1/11	3/31/11	\$31,654	Central (Bristol Bay)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45756	BBSRI: Egegik River Sonar	2006	The Bristol Bay Science and Research Institute will build two up-looking sonar systems to enumerate salmon smolts on the Egegik River in 2011.	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	1/21/11	3/31/11	\$138,421.77	Central (Bristol Bay)
45757	BBSRI: Modifications to the Bristol Bay Smolt Sonar System	2006	This project will design and build new smolt sonar components to be integrated into existing/newly developed smolt sonars operated by the Bristol Bay Science and Research Institute (BBSRI). BBSRI will build a total of three up-looking and three side-looking sonars to be operated on the Kvichak, Ugashik, and Egegik rivers in 2011. This project will ultimately lower annual operating costs, reduce power consumption, and cut down on human error in the field. This project continues work begun in AKSSF projects 45092 (600), 45730, 45729 and 457xx (Egegik River Sonar).	Bristol Bay Science and Research Institute (BBSRI)	CD: RM&E	1/13/11	3/31/11	\$134,317	Central (Bristol Bay)
45758	Pre-processing Chum DNA	2006	This project will pre-process DNA from archived tissue samples prior to analysis in order to ensure the best quality information for the chum salmon baseline developed for the Western Alaska Salmon Stock Identification Project (WASSIP). Two recently developed technologies (alcohol precipitation and preamplification) will be used to improve the resolution available from older archived tissue samples where DNA has degraded. These steps are critical for achieving a high level of precision and accuracy. The resulting data will be used to provide insight on the effects of harvest activities in freshwater and nearshore commercial and subsistence chum fisheries.	ADF&G, Commercial Fisheries Division	RM&E	4/22/11	6/30/11	\$58,290	AYK
45759	Copper River Chinook GSI	2006	This project will complete genetic stock identification (GSI) analysis on Chinook salmon tissue samples collected from commercial net fisheries in areas in and near the Copper River. The analysis will be focused on tissue samples collected in the Copper River District in May-June 2008, adding a fourth year of GSI on these stocks to support improved management of Copper River fisheries.	ADF&G, Commercial Fisheries Division	RM&E	4/22/11	6/30/11	\$50,043	Central
45760	Nakwasina River Coho Escapement	2006	In the fall of 2007, a crew of three will capture returning adult coho in-river and inspect them for presence or absence of coded-wire tags that were applied in spring 2006. These efforts, in conjunction with survey counts and sampling of the marine fisheries will provide annual estimates of escapement, smolt abundance, harvest distribution, survival, and timing.	ADF&G, Sport Fish Division	RM&E	9/1/07	11/30/08	\$67,553	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45761	Nakwasina River Coho Coded-Wire Tag Project	2006	In 1998 Nakwasina River coho salmon were chosen to provide an index of area-wide stock status for Northern Southeast outside waters of Southeast AK. In the spring of 2008, a crew of one biologist and two technicians will capture coho salmon smolt and administer coded-wire tags. This project provides quantitative stock assessment data through the use of coded-wire tags and subsequent adult recoveries in the marine fisheries and freshwater escapement. This project provides annual estimates of smolt abundance, harvest distribution, escapement, exploitation, survival, and timing.	ADF&G, Sport Fish Division	RM&E	4/1/08	9/30/08	\$24,257	Southeast
45762	Biologist in Training at Auke Weir	2006	The main objective of this project is to provide salary costs for a biologist to be trained by the PI to maintain and continue all facets of Auke Creek Weir operations including tagging, fish processing, data collection, and preliminary analyses and reporting of data.	National Marine Fisheries Service, Auke Bay Lab (NMFS, ABL)	RM&E	3/1/07	9/30/08	\$68,810	Southeast
45763	Southeast Alaska Salmon Information System	2006	This project will continue developing the Information System that was initiated in 2001 to develop access and management of salmon-related information to improve our ability to conduct assessments and analyses, retrieve reliable and repeatable data, and evaluate information that improves our overall ability to make more informed decisions as managers and researchers.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$85,352	Southeast
45764	Situk River Weir	2006	This project will count adult sockeye and Chinook salmon passing the Situk River Weir from June 10 to August 15, 2007. It will estimate the annual escapement of sockeye salmon into the Situk River using mark-recapture methods and observer counts, as well as describe the age, length, and sex composition of sockeye and Chinook salmon. The project will also count the number of pink, jack Chinook, steelhead, chum, and coho salmon passing the weir June 10-August 15.	ADF&G, Commercial Fisheries Division	RM&E	6/10/07	8/15/07	\$40,891	Southeast
45765	Hydrologic and Adjudication Support - Year 2	2006	The goal of this project is to continue to provide the Department of Natural Resources with funding to support a hydrologist to assist with the adjudication of existing and future instream flow reservation applications and provide hydrologic technical support for salmon producing water bodies in Southeast AK.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$38,684	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45766	Instream Flow Quantification and Protection - Year 2	2006	The main goal of this project is to quantify and protect instream flow requirements for priority salmon-producing water bodies in Southeast AK, and hence continue the efforts of AKSSF project 45213 for one more year. Priority water bodies were identified during the AKSSF Instream Flow Needs project (45040) and will be updated by this project. Preparing instream flow reservation applications will be the primary tool used to protect instream flows needed to sustain production.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$235,844	Southeast
45767	Mainland Rivers Watershed Project - Year 1	2006	Funding of the Mainland Rivers Watershed project will allow us to proceed with the development of tools and protocols that will collect important baseline landcover information for important mainland river systems; advance our ability to incorporate habitat information with existing stock assessment programs and begin evaluating ways to improve upon—or augment—existing escapement goal development approaches; and identify, monitor, and conserve/protect important spawning and rearing habitats in these highly productive systems.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$76,767	Southeast
45768	Chilkat Lake Adult Sockeye Salmon Enumeration	2006	ADF&G will install the Chilkat Lake weir for the primary purpose of collecting information from returning adult Chilkat Lake sockeye salmon. The information collected will include examination of fish for marks applied from the lower Chilkat River fish wheel project, sampling the population for age, sex, and length and to collect the scale standards used to segregate the commercial gillnet catch by employing scale pattern analysis. The weir will also be operated to enumerate fish as they pass through and that information will be relayed to fishery management.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$101,352	Southeast
45769	Salmon Habitat Surveys in Lakes and Streams - Part 4	2006	This project will continue funding data collection and analyses necessary for building a landscape-based predictive model to be used as a tool in Genetic Stock Identification by resource managers and planners. The tool would be used as an objective approach for ensuring adequate protections of important salmon habitats during project planning stages.	ADF&G, Sport Fish Division	P&A	7/1/07	6/30/08	\$239,447	Southeast
45770	Chilkat River Drainage Salmon Stock Assessment - Year 1	2006	This project provides personnel to run the fish wheel project from July 1, 2007 through the end of fiscal year 2008 (June 30, 2008). Project goals will include estimating the age, sex, and length composition and the total escapement of Chilkat Lake and Chilkat River mainstem sockeye salmon in 2007. We will also estimate the age, sex, and length composition of the Chilkat River drainage fall chum salmon return in 2007.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$109,447	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45771	Chilkoot Lake Sockeye Salmon Escapement	2006	The Chilkoot River weir is installed during the first week of June on an annual basis. Funding for basic weir operation is supported by General Fund allocations. This project will supplement existing funding to provide salaries for one additional crew member and extend the funding of three existing project personnel to mark sockeye salmon, to recapture fish on spawning grounds, and to complete data analysis and reporting.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$42,100	Southeast
45772	Southeast Alaska Subsistence Sockeye Assessments - Year 1	2006	Our primary goal with this project is to measure the spawning population size in four sockeye salmon runs that support important subsistence fisheries for the Southeast AK villages of Kake, Angoon, Klawock, and Hydaburg. The AKSSF portion of this project funds professional biologists who will oversee and manage these projects. Our intent with this effort is to be able to make definitive statements about the status of these small sockeye stocks. To the extent that we may find the status of these stocks unfavorable, we will make appropriate recommendations to the fishery managers.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	3/31/09	\$147,492	Southeast
45773	DNR: Road Condition/Fish Passage Monitoring - Year 2	2006	This project will identify structures that do not provide efficient fish passage for salmon and will assist in prioritizing these structures for remediation or restoration. An initial prioritized list of restoration projects will be developed based on factors such as the amount and quality of habitat upstream of the structure, the cost of restoration, logistics, and other factors. This list will provide a basis for proposing fish passage restoration projects and assisting in watershed assessments under the Annual Salmon Habitat Assessment and Alaska Clean Water Actions until an integrated restoration/rehabilitation	Department of Natural Resources, Division of Forestry (DNR)	P&A	4/1/07	6/30/08	\$139,053	Southeast
45774	Chuck Creek Coho Coded-Wire Tag and Escapement Weir - Year 2	2006	This project will provide an estimate of the marine harvest and distribution, marine survival, exploitation rate, smolt production, and adult escapement of Chuck Creek coho salmon. This stock is the only indicator stock in the southwest quadrant of Southeast AK.	ADF&G, Sport Fish Division	RM&E	7/1/07	6/30/08	\$41,709	Southeast
45776	Genetic Analysis of Wild Coho Before and After Local Enhancement	2006	This project has two objectives: (1) collect coho samples from Sashin Creek, Nakvassin Creek, Deer Lake, and Port Armstrong; and (2) determine if available coho inle nucleotide polymorphism's and microsatellite markers have sufficient power to delineate between Sashin Creek and Nakvassin Creek coho populations. This project will help assessing the ecological impacts of enhancement, specifically the genetic influence of large scale enhancement on nearby wild populations.	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Auke Bay Lab (NOAA/NMFS, ABL)	RM&E	4/1/07	5/31/08	\$26,175	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45778	MOA: Little Campbell Fish Passage Improvement	2006	This project removes upstream migration barriers and improves fish passage conditions resulting from improperly designed and/or installed culverts at selected stream/road crossings in the Little Campbell Creek watershed in Anchorage, AK. Little Campbell Creek is an important tributary (sub-watershed) to the larger Campbell Creek watershed.	Municipality of Anchorage (MOA)	CD: HP&R	9/1/07	3/31/11	\$1,739,222	Central (Cook Inlet)
45779	MOA: Campbell Creek Fish Habitat Rehabilitation - Phase 2, Part A	2006	This project will reestablish bank vegetation for better riparian function, fish habitat and bank stabilization at multiple sites along Campbell Creek. The restoration projects proposed are priorities of the Anchorage Watershed Task Force. The projects were selected from a list of approximately fifteen restoration opportunities identified in a Campbell Creek restoration assessment prepared under AKSSF project 45643 and have been reviewed by ADF&G habitat restoration staff. Part B of the restoration will be funded with AKSSF project 45698.	Municipality of Anchorage (MOA)	CD: HP&R	2/15/08	06/30/10	\$305,657	Central (Cook Inlet)
45780	MOA: Salmon Habitat O&E	2006	This project will educate constituencies on the value of and actions taken for conservation, restoration, and sustainability of healthy Pacific salmonid populations and their habitat, including the preparation of educational materials, training, and citizen participation in conjunction with the strategic planning process.	Municipality of Anchorage (MOA)	O&E	7/9/09	6/30/10	\$135,354	Central
45782	Ford Arm Lake Coho and Sockeye - Year 2	2006	This project continues research on a long-term coho salmon indicator stock north of Sitka, and monitoring of an important subsistence sockeye population. This project is a continuation of AKSSF project 45452.	ADF&G, Commercial Fisheries Division	RM&E	7/1/07	6/30/08	\$70,302	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45783	Evaluation of Regional Chum Survival	2006	This project will develop a database of hatchery marine survivals and regional catches of Southeast AK chum salmon and compare interannual variations to both a long-term time series of environmental parameters and a short-term time series (10 yr) of fine scale data associated with juvenile chum salmon and their early marine conditions. These fine scale data include stock-specific indexes of juvenile salmon abundance, size, and condition based on otolith thermal marks. The marine survivals will be used as a tool to evaluate local, regional, and basin-scale (Gulf of Alaska) effects of environmental variation on the interannual variability of this important salmon fishery in Southeast AK.	National Marine Fisheries Service, Auke Bay Lab (NMFS, ABL)	RM&E	9/1/07	12/31/09	\$31,346	Southeast
45784	Otolith Marking at Gunnuk Creek Hatchery	2006	This project is designed to provide information critical to fisheries managers and provide better quantification of contributions to common property fisheries. The project will provide management with the ability to thermally mark otoliths for chum (and possibly coho) production. This will provide hatchery personnel and ADF&G management staff with a valuable tool for tracking returns through interception fisheries to ensure broodstock needs are met.	Kake Nonprofit Fisheries Corporation, Gunnuk Creek Hatchery	EN	4/15/07	6/30/08	\$89,701	Southeast
45785	CRITFC: Hanford Reach Chinook Migration and Survival	2006	This project will coordinate and facilitate the PIT-tagging of up to 20,000 Hanford Reach upriver fall Chinook salmon smolts annually in May/early June 2007 and 2008. PIT tags will be detected at downstream dams in juvenile bypass systems and this information will be used to produce reach fish travel time survival estimates. Results will be compared to performance in previous years and to hatchery and Snake River releases. Smolt-to-adult travel time, survival, and straying rates will be estimated after adults return. This will allow fish managers to better assess the impact of flows and spill on these variables.	Columbia River Inter-Tribal Fish Commission (CRITFC)	RM&E	4/1/07	6/30/09	\$253,052	Columbia River
45786	CIAA: Salmon Enhancement Project - Part 4	2006	The CIAA Salmon Enhancement Project - Part 4 will: 1) provide juvenile sockeye and coho salmon for stocking to supplement future Cook Inlet (Area H) adult salmon returns; 2) enumerate the escapement and assess the population size of sockeye and coho salmon in selected streams of the Cook Inlet drainage where current estimates are lacking or unavailable; and 3) replace the deteriorating ADF&G-owned and CIAA-operated Bear Creek weir building and remodel fish handling equipment at the Bear Creek weir site to improve the evaluation of salmon enhancement activities and provide a safe environment for educating local students and the public on the salmon resource.	Cook Inlet Aquaculture Association (CIAA)	CD: EN	6/1/07	6/30/09	\$789,701	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45787	CIAA: Salmon Enhancement Project - Fish Ladder	2006	The Paint River fish ladder, constructed in the early 1990s but never operated, provides access to salmon spawning and rearing habitat in the Paint River drainage in Lower Cook Inlet. CIAA will complete two improvements to the CIAA-owned Paint River fish ladder. To reduce potential bear problems associated with the operation of the ladder, the fish exit pool at the top of the fish ladder will be expanded and the open cells on the lower end of the ladder will be covered. Other needed maintenance work will also be completed. This project will complete construction of the Paint River fish ladder.	Cook Inlet Aquaculture Association (CIAA)	CD: HP&R	2/22/08	06/30/10	\$170,000	Central (Cook Inlet)
45788	AVI: Port Lions Habitat Protection	2006	This project will protect salmon habitat and decrease the trail's negative effect on the surrounding watershed by establishing an engineered bridge crossing, hardening the trail surface at bridge approaches, and directing trail surface water runoff away from the stream.	Alaska Village Initiatives (AVI)	CD: HP&R	7/15/09	06/30/10	\$111,460	Central (Cook Inlet)
45789	Taku Sockeye Population Assessment	2006	The Taku River produces a major run of sockeye salmon that is managed jointly by ADF&G and the Department of Fisheries and Oceans Canada (DFO). Inseason and post-season estimates of their abundance are needed to fulfill the spawning escapement goal requirement for stocks specified by the U.S./Canada Pacific Salmon Treaty (PST). This project will use mark-recapture methods to calculate and assess the sockeye population returning to Canadian portions of the river.	ADF&G, Commercial Fisheries Division	RM&E	4/16/10	6/30/10	\$27,753	Southeast
45790	Southern Alaska Chum Baseline	2006	This project will provide laboratory analysis of approximately 10,000 archived chum salmon samples from the southeast portion of the chum salmon range (Southcentral and Southeast Alaska, British Columbia, and Washington) to improve the representation of chum salmon from these regions in the coastwide genetic baseline. This information is necessary for developing genetic stock identification applications for local fisheries and to investigate potential effects of hatchery strays on wild populations. In addition, this information will complement the baseline data developed for the Western Alaska Salmon Stock Identification Project (WASSIP).	ADF&G, Commercial Fisheries Division	RM&E	5/1/11	6/30/11	\$286,091	Southeast
45791	SEAK Sockeye GSI	2006	This project will complete genetic stock identification (GSI) analysis on sockeye salmon tissues samples previously collected from commercial net fisheries in and near the Stikine and Alsek rivers in Southeast Alaska (SEAK). This analysis will focus on tissue samples from fishing districts 106, 108, and 182. An understanding of stock composition in these fisheries is important for sustainable management under the Pacific Salmon Treaty.	ADF&G, Commercial Fisheries Division	RM&E	5/1/2011	6/30/11	\$227,089	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45095 (600)	AFDF: Alaska Symphony of Seafood 2010	2006	AFDF will convene the 17 th annual Alaska Symphony of Seafood (ASOS) to showcase new Alaska salmon products and will support the winning entries by introducing them at the International Boston Seafood Show (IBSS). <i>This project continues work begun in AKSSF projects 45689 and 45068 (600).</i>	Alaska Fisheries Development Foundation (AFDF)	O&E	10/15/09	4/30/10	\$50,092	Statewide
45123 (700)	AYK: Landscape Predictors Coho – Ph.2 of 2 (803)	2006	This project will develop geospatial data specific to the Nome River basin, modeling tools for assessing freshwater controls on the abundance of salmon that are potentially applicable to other Norton Sound basins, and methods for developing geospatial data as hydrogeomorphic predictors for models of salmon production elsewhere in the Arctic-Yukon-Kuskokwim (AYK) region. Results from this project should provide a significant step in developing habitat-based escapement goals and approaches to address habitat alterations from development and climate change. <i>This project continues work begun in AKSSF project #45674.</i>	U.S. Forest Service, Pacific Northwest Research Station	CD: RM&E	4/1/10	3/31/11	\$93,995	AYK (Norton Sound)
45131 (700)	YRDFA: Fisheries Management Participation	2006	The Yukon River Drainage Fisheries Association (YRDFA) will facilitate fishermen's involvement in management decisions, participate in decision-making forums, and cultivate coalitions between Yukon River groups and organizations. Staff will design and plan cooperative efforts to address fisheries management issues on the Yukon River, promoting healthy wild salmon fisheries in management forums. YRDFA will work collaboratively with state, federal, and international agencies and boards, as well as non-governmental organizations, tribes, communities, and conservation groups, in support of this project. <i>This project continues work begun in AKSSF project 45659.</i>	Yukon River Drainage Fisheries Association (YRDFA)	O&E	7/1/10	3/31/11	\$173,872	AYK (Yukon River)
45154 (700)	AFDF: Project Support FY11	2006	This project will develop and administer industry-prioritized salmon enhancement projects including those that improve the handling, processing, transporting, new product development, and alternative uses of salmon flesh and non-flesh materials; and research and studies on bycatch reduction. <i>This project continues work begun in AKSSF projects 45067 and 45096.</i>	Alaska Fisheries Development Foundation (AFDF)	CD: P&A	6/1/10	03/31/11	\$115,446	Statewide

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45157 (700)	AFDF: Energy Use in Fisheries	2006	Alaska Fisheries Development Foundation (AFDF) will enhance the salmon industry's efforts to increase fuel efficiency through participation in and sponsorship of the <i>Energy Use in Fisheries Symposium</i> November 14-17, 2010. This symposium offers the opportunity for commercial and recreational fishermen, processors, engineers, vessel and engine developers, aquaculturists, fisheries managers, administrators, scientists, and others from around the world to meet, address both direct and indirect effects of energy costs related to fisheries, and share solutions. This symposium's objectives and agenda are of critical importance to the Alaska salmon fishing industry and AFDF's participation in it further solidifies the industry's commitment to responsible and sustainable conduct of its world class salmon industry.	Alaska Fisheries Development Foundation (AFDF)	CD: O&E	9/23/10	12/31/10	\$9,006	Statewide
45158 (700)	AFDF: AK Symphony of Seafood 2011	2006	This project will feature the Alaska salmon industry's innovative new products through two major events. Alaska Fisheries Development Foundation (AFDF) will convene the 18 th annual Alaska Symphony of Seafood (ASOS) to showcase new Alaska salmon products and support the winning entries by introducing them at the International Boston Seafood Show (IBSS). <i>This project continues work begun in AKSSF projects 45068 (600) and 45095 (600).</i>	Alaska Fisheries Development Foundation (AFDF)	CD: O&E	10/27/10	03/31/11	\$104,511	Statewide
45160 (700)	AYK: Juvenile Salmon Dispersal – Ph.3 of 3 (711)	2006	The region inshore of the 40 m isobath is both critical habitat and a migratory corridor for juvenile salmon migrating from western Alaskan rivers to the ocean, yet it has received little attention from oceanographers. This project will use statistical analyses to improve understanding of the nearshore circulation field that connects Kuskokwim Bay and northern Bristol Bay with the adjacent Bering shelf. This information is needed to understand the possible migratory pathways used by juvenile salmon as they enter the marine environment and how these pathways may influence salmon recruitment success. <i>This project continues work begun in AKSSF project 45560 and 45676.</i>	University of Alaska Fairbanks (UAF), Institute of Marine Science	CD: RM&E	4/1/10	12/31/10	\$44,140	AYK (Bering Sea)
45161 (700)	AYK: Ecology & Demographics of Chinook Salmon – Ph 4 of 4 (702)	2006	This project is a comprehensive study of the relationship between ecological processes and the population dynamics of Chinook salmon in the Chena and Salcha Rivers. This project will improve understanding of Chinook salmon, and the ability to manage Chinook populations and their habitats for sustainability. <i>This project continues work begun in AKSSF projects 45498, 45564 and 45057.</i>	USGS Alaska Cooperative Fish and Wildlife Research Unit Institute of Arctic Biology University of Alaska Fairbanks	CD: RM&E	4/1/10	3/31/11	\$99,941	AYK (Upper Yukon River)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45162 (700)	AYK: Fish River Models Testing – Ph.2 of 2 (804)	2006	This project will test the hypothesis that elements of watershed size, among watersheds of contrasting habitat quantity and type, can be used to predict coho salmon smolt (and subsequent adult) production throughout the Norton Sound region. Models that appear to be effective for the Nome River will be tested on two Fish River sub-drainages with differing habitat. If the models prove transferable, it could result in inexpensive, rapidly-generated estimates of adult spawners in watersheds throughout the region. The sampling will also generate useful data on adult coho in the Fish River, which are currently in decline. <i>This project continues work begun in AKSSF project 45673.</i>	Norton Sound Economic Development Corporation (NSEDCC)	CD: RM&E	4/9/10	3/31/11	\$112,661	AYK (Norton Sound)
45163 (700)	AYK: Research Planning & Review - FY11	2006	This project continues implementation of the Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative (AYK SSI). Specifically, this project will conduct a set of activities that will provide the necessary staffing and PI support and funding for the Steering Committee (SC) and Scientific Technical Committee (STC) to implement the AYK Research and Restoration Plan, and to effectively administer research projects to support sustainable management of western Alaska's fisheries. <i>This project is a continuation of AKSSF projects 45221, 45346, 45582, and 45060 (600).</i>	Bering Sea Fishermen's Association (BSFA)	CD: P&A	6/1/10	5/31/11	\$478,440	AYK
45164 (700)	AYK: Historical Analyses Chum – Ph.2	2006	This project will analyze salmon scales collected over four decades to test the hypotheses that climate change, competition from pink salmon, and interaction with Asian chum salmon have adversely affected Norton Sound and Kuskokwim River chum growth and abundance. Scale samples will be used to reconstruct seasonal and annual chum growth, and the results will be compared with climate indices and patterns of pink salmon abundance. <i>This project continues work begun in AKSSF project #45677.</i>	ADF&G, Commercial Fisheries Division	CD: RM&E	7/1/10	3/31/11	\$42,203	AYK

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45165 (700)	AYK: Shared Chum Baseline Gap Analysis (904)	2006	This project will fund a collaborative effort to produce and improve the chum salmon baseline for single nucleotide polymorphism (SNP) and microsatellite data for applications to Alaskan mixed stock analyses (MSA). It will identify approximately 50 critical populations for which baseline data are missing or inadequate and will add SNP and microsatellite data for 10-12 key populations. This project complements AKSSF project 44521 <i>Shared Chum Salmon Baseline Development</i> in which new informative SNP markers are developed to improve delineation of western Alaska chum salmon populations and the missing baseline data added for 38-40 populations. By improving the chum salmon baseline, this research will assist both NMFS and ADF&G to better address western Alaska chum salmon management challenges.	School of Fisheries and Ocean Sciences (SFOS), UAF	CD: RM&E	8/27/10	3/31/11	254,812	AYK
45166 (700)	DEC: Fish Safety Monitoring - Phase 3	2006	This project will measure and monitor contaminant concentrations in Alaska salmon that could be contributing to a decline in some salmon populations and posing a risk to human health. Salmon in life stages from egg to spawning adult will be collected from sensitive species and populations around the state and analyzed for trace metals; contaminants containing chlorine or bromine; and, in some locations near urban centers, personal care products and prescription drug residues. A select number of resident fresh water fishes will be sampled and analyzed to evaluate the fresh water salmon habitat where fry and smolts are raised. ADF&G and the United States Fish and Wildlife Service will be provided with the data for their evaluation of the impact on salmon health while the Alaska Department of Health and Human Services, Division of Public Health, will screen the results to identify elevated levels relative to public health guidelines. <i>This project continues work begun in AKSSF projects 45255 and 45636.</i>	Department of Environmental Conservation, Division of Environmental Health (DEC)	CD: RM&E	4/1/10	3/31/11	\$1,173,001	Southeast
45176 (700)	AFDF: Salmon Education Campaign	2006	This project will educate Alaskans and raise awareness about the importance of the commercial salmon fishing industry to Alaska. The program's key messages will be presented in printed materials, on the Internet, and through direct mail outreach.	AFDF: Alaska Fisheries Development Foundation	CD: EN	12/29/10	3/31/11	\$27,500	Central

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45177 (700)	AFDF: Kodiak Salmon - Renewable Power	2006	Based on the use of renewable energy power sources for processing, this project funds a campaign to promote Kodiak harvested and processed salmon as a unique and sustainable product by means of direct contact with buyers, traditional and social media channels, and collaborative efforts with partner organizations.	AFDF: Alaska Fisheries Development Foundation	CD: EN	12/29/10	3/31/11	\$17,000	Westward
45179 (700)	AYK: Stream Temp Salmon - Norton Sound	2006	This project will place monitoring equipment at all Norton Sound-Port Clarence area salmon enumeration projects to establish baseline water temperatures. Additionally, personnel will provide assistance with field camp salmon enumeration and test fishery projects. Stream temperature and escapement data supported by this project will help fishery managers make timely and informed management decisions regarding this region's fisheries.	ADF&G, Commercial Fisheries Division	RM&E	5/25/11	6/30/11	\$23,511	AYK (Norton Sound)
45321	Salmon Aerial Surveys – Year 5	2007	This project will continue ADF&G's salmon aerial survey program, funding additional aerial surveys to monitor salmon escapements in SE AK. The program will maintain the number of systems surveyed and the frequency of aerial surveys during peak spawning times, and increase the opportunity to fly repeated aerial surveys by different individuals, thereby providing data for developing observer calibration correction factors for new surveyors in order to standardize pink salmon escapement survey data for observer counting bias. <i>This project continues work begun in AKSSF projects #45214, #45472, #45712, and #45820.</i>	Division of Community & Regional Affairs (DCRA)	RM&E	7/1/09	06/30/10	\$102,557	Southeast
45322	NBTBR Sockeye Port Sampling	2007	This project will collect weekly samples of between 520 to 800 scales and associated biological data from commercially caught sockeye salmon in each of the District 101, 106, 108, and 111 drift gillnet fisheries, the District 101-29, 102-80, 104, 105-41, 107-10, and 112 purse seine fisheries, and the District 182 set gillnet fisheries. Matched scale-tissue samples will be collected, allowing side-by-side stock identification analysis using both the scale pattern analysis (SPA) used in calculating the current treaty harvest sharing agreements and the new DNA based, single nucleotide polymorphism (SNP) techniques.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	06/30/10	\$175,197	Southeast
45323	N. Boundary Sockeye Dist. 101/4	2007	This project will continue an ongoing study to allow for the genetic analysis of 6,000 sockeye samples from the 2009 District 101 gillnet and the District 104 purse seine fisheries using the 45 SNP baseline developed by ADF&G. These are high priority fisheries with significant boundary issues. The purpose of this analysis is to determine the proportion of sockeye harvested from the 101 and 104 fisheries that originate from the Nass, Skeena, and Southeast Alaska regions.	National Oceanic and Atmospheric Administration/ National Marine Fisheries Service, Auke Bay Lab (NOAA/NMFS, ABL)	RM&E	7/1/09	11/30/11	\$207,545	Southeast

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45326	Instream Flow Protection - Phase 6	2007	The main goal of this project is to quantify and reserve instream flows for priority salmon-producing waterbodies in SE AK. Priority waterbodies were identified during the <i>AKSSF project 45040 (Instream Flow Needs)</i> and will be updated by this project. Preparing reservation of water applications will be the primary tool used to protect instream flows needed to sustain salmon production. <i>This project continues and expands upon work begun in AKSSF projects 45040, 45107, 45213, 45766 and 45822.</i>	ADF&G, Sport Fish Division	HP&R	9/15/09	3/31/12	\$535,110	Southeast
45327	CTC Biometrician II - Year 4	2007	This project will continue to fund a Biometrician II to perform biometrical analyses, statistical analyses, and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty (PST) and to aid in the management of Chinook salmon fisheries in Southeast Alaska (SE AK). <i>This project continues work begun in AKSSF projects 45634, 45707, and 45830.</i>	ADF&G, Commercial Fisheries Division	RM&E	12/1/09	6/30/10	\$41,411	Southeast
45685	KRSA: Centennial Angler Access	2007	This project installs an approximately 300 x 8 foot extension to the existing Centennial Campground angler access trail and three 50 x 4 foot ELPs (spaced about 100' apart) with three river access stairways, in an area already used by anglers. The trail extension will bring the total downstream angler access trail length to 2,150 lineal feet.	City of Soldotna Parks and Recreation	CD: HP&R	9/1/09	5/15/10	\$147,416	Central
45802	PCSRF Accounting Assistance	2007	Funds the accounting position responsible for the project paperwork approved for processing by the AKSSF office (i.e., contracts, RSAs and Cooperative Agreements). This position will also monitor payments to ensure timely completion, and respond to agencies inquiring on payment status and/or contract, RSA or Cooperative Agreement status.	ADF&G, Administrative Services Division	PA	12/18/07	6/30/10	\$33,423	Statewide
45803	PCSRF Technical Assistance - Year 8	2007	The project will provide administrative support for ADF&G's management of PCSRF funds appropriated to the State of Alaska. The PCSRF supports salmon sustainability throughout AK to the benefit of thousands of commercial, subsistence, and recreational users, as well as the communities dependent upon them.	ADF&G, Commercial Fisheries Division	PA	1/1/08	6/30/10	\$132,050	Statewide
45804	PCSRF Technical Assistance FFY07	2007	This project funds the Alaska Sustainable Salmon Fund (AKSSF) program manager and staff to perform AKSSF program oversight, project management, and fiscal management to ensure appropriate use of federal funds on behalf of the State of Alaska.	ADF&G, Commercial Fisheries Division	PA	7/1/10	6/30/12	\$548,129	Statewide

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45805	CTC Biometrician II – Year 6	2007	This project will continue to fund a Biometrician II to perform biometrical analyses, statistical analyses, and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty (PST) and to aid in the management of Chinook salmon fisheries in Southeast Alaska (SE AK). <i>Related AKSSF projects: 45368, 45707, 45830, 45327 (800), and 45734.</i>	ADF&G, Commercial Fisheries Division	EN	6/1/11	6/30/12	\$119,867	Southeast
45811	Disappearance Creek Chum Weir - Year 1	2007	This project will monitor the escapement of fall chum salmon at Disappearance Creek (one of the primary chum salmon systems in the Sound) for three years, and compare our escapement estimates to aerial and foot survey estimates conducted by department personnel during the peak of the run.	ADF&G, Commercial Fisheries Division	RM&E	5/7/08	6/30/09	\$160,716	Southeast
45812	ACWA Program Support - Year 2	2007	This project will provide support for one ADF&G employee dedicated and instrumental to implementation of ADF&G responsibilities to the ACWA program. ACWA-funded projects improve watershed health, build capacity through outreach and public involvement, and have a positive impact on communities by improving water quality, and protecting and restoring aquatic resources.	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/10	\$3,500	Southeast
45813	ACWA Grants - Year 3 RSA to DEC	2007	Alaska Department of Environmental Conservation's ACWA program funds stewardship, monitoring, protection, and recovery activities related to anadromous water bodies in Southeast Alaska that have been deemed a high priority. AKSSF contributes to the ACWA program to support a competitive grant process that funds projects that restore, protect, or conserves water quality, quantity and aquatic habitat. This project provides support for one ADF&G employee dedicated to and instrumental to implementation of ADF&G responsibilities to the ACWA program.	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/09	\$49,972	Southeast
45814	Parentage of Supplemented Sockeye - Year 1	2007	This project is a feasibility study of an evaluation of the genetic effect of sockeye wild stock supplementation in a model system in which part of a wild spawning population is spawned artificially, cultured in a hatchery, reared in captivity, and released into the lake as fry. Ultimately, an evaluation through parentage analysis of reproductive success of fish produced artificially for wild stock supplementation, which would require repeated intense genotype surveys of the naturally spawning wild population and which would allow detection of the presence of salmon produced by wild stock supplementation and of their offspring.	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS)	RM&E	7/1/08	9/30/09	\$15,000	Southeast

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45815	Salmon Habitat Prediction Model	2007	This project will fund data collection and analyses necessary for validating and ground-truthing the landscape-based predictive model (developed during earlier phases) to be used as a tool in Geographic Information System (GIS) by resource managers and planners. The tool would be used as an objective approach for ensuring adequate protections of important salmon habitats during project planning stages by providing a level of confidence associated with the probability that a given area (e.g., watershed, sub-basin, stream reach) is likely to contain anadromous fish.	ADF&G, Sport Fish Division	P&A	7/1/08	3/31/11	\$165,863	Southeast
45816	Auke Creek Salmonid Monitoring - Year 3	2007	This project will continue research on coho salmon as a long-term indicator stock in a mainland lake system near Juneau by providing support for a weir technician to help operate and maintain Auke Creek Weir for continuous monitoring of downstream and upstream migrations of all salmonids. It will also continue associated research on long-term sockeye, pink and chum salmon populations from the Auke Creek system.	National Oceanic and Atmospheric Administration/ National Marine Fisheries Service, Auke Bay Lab (NOAA/NMFS, ABL)	RM&E	7/1/08	6/30/09	\$41,721	Southeast
45817	Mark Tag and Age Lab Support - Year 2	2007	Coded-wire tag (CWT) data is used to estimate marine harvests, total production, and to develop databases to support development of escapement goals, as well as to monitor compliance with Pacific Salmon Treaty (PST) obligations. The accurate and timely processing of CWTd salmon supplies data necessary to manage salmon fisheries and gain better understanding of salmon stocks.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$76,696	Southeast
45818	Nothern Boundary/Transboundary Rivers Sockeye Stock ID - Year 1	2007	Scale samples will be analyzed to estimate the weekly catch of Alaskan Nass, Skeena, Fraser, Stikine, and Taku River sockeye salmon caught in each of the District 101, 106, 108, and 111 drift gillnet fisheries and the District 101, 102, 103, and 104 purse seine fisheries. The resulting data will be used, in conjunction with stock identification data from Canadian fisheries and escapement counts, to estimate the total return of each stock and the percentage of that total return caught in fisheries with treaty-based harvest-sharing agreements.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$247,601	Southeast
45819	Chickamin Coho Escapement - Year 3	2007	In fall 2008, adult coho will be inspected inriver for the presence or absence of an adipose fin, to estimate the marked fraction of smolt CWTd in spring 2007. Age, sex, and length (ASL) data will also be collected. The escapement will be estimated through expansion of the peak aerial survey count.	ADF&G, Sport Fish Division	RM&E	7/1/08	6/30/09	\$0	Southeast

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45820	Salmon Aerial Surveys - Year 4	2007	This project seeks to extend the existing PCSRF salmon aerial survey project by one year. Aerial surveys form the backbone of the pink salmon stock assessment program in SE AK and are important for monitoring returns of chum salmon as well. Aerial surveys are also a primary assessment method for monitoring sockeye and coho salmon escapements in several streams in the Yakutat area. This project will fund additional aerial surveys to monitor salmon escapements in SE AK and Yakutat. <i>This project continues work begun in earlier AKSSF projects 45214, 45472 and 45712.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$110,888	Southeast
45821	Chilkat River Fish Wheel - Year 2	2007	This project will provide personnel to run the fish wheel project from July 1, 2008, through the end of FY09 (June 30, 2009). Project goals will include estimating the age, sex, and length (ASL) composition and the total escapement of Chilkat Lake and Chilkat River mainstem sockeye salmon in 2008. PI will also estimate the ASL composition of the Chilkat River drainage fall chum salmon return in 2008 and estimate the abundance of these stocks by indexing the fish wheel catch of this species.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$113,501	Southeast
45822	Instream Flow Quantification - Year 3	2007	The goal of this project is to quantify and protect instream flow requirements for priority salmon-producing water bodies in SE AK. Priority waterbodies were identified during the AKSSF Instream Flow Needs Project (45040) and will be updated by this project. Preparing instream flow reservation applications will be the primary tool used to protect instream flows needed to sustain production. <i>This project will continue and expand upon the AKSSF Project 45766.</i>	ADF&G, Sport Fish Division	RM&E	7/1/08	6/30/09	\$239,563	Southeast
45823	Streamflow Models Analysis in SE AK	2007	This project will create a user-friendly comparison of real and modeled streamflow values intended to be used as a tool for fisheries and water resource managers. To reach this goal, a comprehensive evaluation of existing hydrologic models in SE AK compared to current USGS streamflow records will be undertaken to quantify the accuracy and precision of models in predicting flow characteristics for gaged watersheds.	Juneau Watershed Project	RM&E	7/1/08	6/30/09	\$42,929	Southeast
45824	McDonald Lake Sockeye GSI - Year 2	2007	This project will complete genetic stock identification (GSI) analysis on sockeye salmon tissue samples collected from commercial net fisheries in SSE AK. The analysis will be focused on tissue samples collected in three fishing areas: 106-30, 106-41, and 101-29 (Gravina Island purse seine). <i>Year 2 continues work begun in AKSSF project #45720.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$122,084	Southeast

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45826	Hydrologic and Adjudication Support - Year 3	2007	The purpose of this project is to continue to provide DNR with funding to support a hydrologist to assist with the adjudication of existing and future ADF&G instream flow reservation applications and provide hydrologic technical support for salmon producing waterbodies in SE AK. This project will help DNR and ADF&G implement the MOU for improving administrative processing of applications on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous waterbodies in SE AK. <i>This project continues hydrologic and adjudication support begun in AKSSF projects 45213 and 45765.</i>	ADF&G, Sport Fish Division	P&A	7/9/08	12/31/09	\$14,746	Southeast
45827	SE AK Troll Logbook Program 2008	2007	The project will fund the cost of conducting a troll logbook program in SE AK during the 2008 summer troll period from 7/1/08 through 9/30/08, as well as entering of the logbook data into a database during October of 2008. The logbooks will collect information on salmon catch, effort, and encounters, as well as provide a record of biological information that will be paired with Chinook GSI samples taken during this same time frame.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	10/31/08	\$15,667	Southeast
45828	ADNR Road Condition/Fish Passage Monitoring - Year 3	2007	This project will collect field data to monitor forest practices related to fish habitat, particularly construction, maintenance, and closure of roads. Survey results will be used to identify and prioritize fish passage restoration efforts, and identify and prioritize implementation of Best Management Practices related to road construction and road maintenance necessary for protection of salmon habitat.	Alaska Department of Natural Resources (DNR)	P&A	7/1/08	6/30/10	\$120,690	Southeast
45829	Southeast Chinook Age, Sex, Length - Year 3	2007	This project will improve annual assessments of escapements, fishery impacts, and survival by providing age, sex, and length composition information for Chinook salmon in the King Salmon, Blossom, and Keta rivers and Andrew Creek. It will also provide improved databases of production by brood year to use in estimating new escapement goals for these Chinook salmon stocks. <i>This project continues work begun in AKSSF projects 45449 and 45610.</i>	ADF&G, Sport Fish Division	RM&E	9/1/08	6/30/09	\$61,336	Southeast
45830	CTC Biometrician II - Year 3	2007	This project will continue to fund a Biometrician II to perform biometrical analyses, statistical analyses, and mathematical modeling to aid in the implementation of the Pacific Salmon Treaty (PST) and to aid in the management of Chinook salmon fisheries in Southeast Alaska (SE AK).	ADF&G, Commercial Fisheries Division	EN	7/1/08	3/31/10	\$86,555	Southeast

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45831	Chilkat Smolt CWT - Year 3	2007	This project will improve biological escapement goals. Primary benefits should accrue to the terminal commercial, subsistence, and sport fishermen who depend upon the health of these resources for income, food, and recreation. These Chinook and coho stocks are the most important in the Lynn Canal, and hence the primary benefits should accrue to the Haines community. In addition, this stock contributes 20,000 to 85,000 coho salmon per year to outside troll fisheries and therefore, benefits coastal communities throughout SE AK.	ADF&G, Sport Fish Division	RM&E	9/1/08	10/31/09	\$107,201	Southeast
45832	Mainland Rivers Watershed - Year 2	2007	This project will continue efforts associated with the development and implementation of a research program aimed at assessing the relationship between salmonid production and freshwater habitats in the Taku River watershed. Application of tools and protocols that will advance our ability to incorporate salmonid habitat information with existing stock assessment programs and other sources of salmonid distribution/abundance/ productivity within the Taku River will be paramount to success. <i>Year 2 continues work begun in project #45767.</i>	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/08	\$89,010	Southeast
45833	SE AK Subsistence Sockeye Assessments - Year 2	2007	The primary goal of this project is to annually measure the sizes of the breeding stocks of sockeye salmon in four sockeye salmon populations that are major subsistence resource for Southeast Alaskan villages. Annual assessments of sockeye escapement, with auxiliary information such as age composition, subsistence harvest levels, and juvenile population sizes and condition, provide critical information to state and federal fisheries management staff. <i>This project continues work begun in AKSSF project #45772.</i>	ADF&G, Commercial Fisheries Division	RM&E	10/1/08	2/15/10	\$144,460	Southeast
45834	Chuck Creek Coho Escapement – Yr 3	2007	This project provides an estimate of the marine harvest and distribution, marine survival, exploitation rate, smolt production, and adult escapement of Chuck Creek coho salmon. Adult escapements have been successfully counted through a weir on Chuck Creek in 2001 through 2007. CWTs have been placed on 79% to 87% of coho smolt emigrating from Chuck Creek in 2002 to 2007, allowing for precise estimates of marine harvest and survival. <i>This project continues work begun in AKSSF projects 45457 and 45774.</i>	ADF&G, Sport Fish Division	RM&E	2/1/09	6/30/09	\$35,696	Southeast
45835	Southeast Restoration Workshop	2007	This project funds a two-day Restoration Workshop (Workshop) for state and federal agencies, municipalities, watershed groups, non-profit organizations, conservation groups, contractors, and private consultants. The Workshop will provide essential fish life history and habitat educational information, a fish habitat restoration curriculum, and bio-technical restoration technique information. These educational outreach activities will compliment the efforts identified in the Juneau Restoration Cost Share Program, also funded through AKSSF. The Workshop will also restore approximately 50 feet of impacted fish habitat.	ADF&G, Sport Fish Division	O&E	5/1/09	6/30/09	\$11,885	Southeast

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45836	Stikine River Chinook CWT - Year 5	2007	This project will provide estimates of smolt abundance and harvest that, combined with estimates of escapement (funded through a separate study), will also provide estimates of total production, exploitation, and marine survival by brood year for Stikine River Chinook salmon. Results will be used to implement abundance-based management for this stock, an obligation of Alaska in the 2008 PST Agreement. <i>This project continues work begun in AKSSF projects, #45109, #45451, #45612, and #45708.</i>	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$97,928	Southeast
45837	Southeast Chinook ASL – Year 4	2007	This project will improve annual assessments of escapements, fishery impacts, and survival by providing age, sex, length (ASL) composition information for Chinook salmon in the King Salmon, Keta, and Blossom rivers and Andrew Creek. It will also provide improved databases of production by brood year to use in estimating new escapement goals for these Chinook salmon stocks. <i>This project continues work begun in AKSSF projects #45449, #45610, and #45829.</i>	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$54,065	Southeast
45838	SEAK Coho Indicator Stocks	2007	This project funds the salaries for the Regional Salmon Research Biologist (Coho Project Leader), and Assistant Coho Project Biologist for the continuation of research on three long-term coho salmon indicator stocks in Southeast Alaska, and coho escapement surveys in the Ketchikan area. The three coho indicator systems include the Berners River near Juneau, Ford Arm Lake north of Sitka, and Hugh Smith Lake southeast of Ketchikan.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$102,060	Southeast
45839	Chickamin River Chinook	2007	This project will provide for sampling of the Chinook salmon escapement in the Chickamin River drainage for one year to obtain information on age, sex, and length (ASL) composition and the marked fraction of coded wire tagged (CWTd) fish. The data from this project will enable ADF&G to estimate total harvest, harvest distribution, exploitation rates, smolt production, and marine survival. This data will also be used in run reconstruction estimation, which in turn is necessary to update the biological escapement goal (BEG) for this stock. Data from this project will also be used by the Chinook Technical Committee (CTC) for: (1) development of a model stock for southern SEAK, (2) exploitation rate analysis of this wild stock, and (3) improved escapement assessment for associated Behm Canal stocks.	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$89,378	Southeast

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45840	Southeast Restoration Cost Share	2007	This project will fund approximately 3 fish habitat restoration projects in Southeast Alaska. The rehabilitation projects will protect approximately 500 feet of fish habitat with elevated, light penetrating gratewalks and cabled spruce trees, and rehabilitate approximately 300 feet of lake, stream and river bank using brush layering, vegetative mat, rootwads, live staking and trenced willows. In addition, this project will fund 2 habitat restoration workshops in 2010 and 2011. Through these workshops approximately 150 feet of streambank will be rehabilitated using brush layers, and vegetative mat.	ADF&G, Sport Fish Division	HP&R	7/1/09	12/31/11	\$58,836	Southeast
45841	NBTBR Sockeye Stock ID – Year 2	2007	Scale samples will be analyzed to estimate the weekly catch of Alaskan Nass, Skeena, Fraser, Stikine, and Taku River sockeye salmon caught in each of the District 101, 106, 108, and 111 drift gillnet fisheries and the District 101, 102, 103, and 104 purse seine fisheries. The resulting data will be used, in conjunction with stock identification data from Canadian fisheries and escapement counts, to estimate the total return of each stock and the percentage of that total return caught in fisheries with treaty-based harvest-sharing agreements. <i>This project continues work begun in AKSSF project #45818.</i>	ADF&G, Commercial Fisheries Division	EN	7/1/09	6/30/100	\$353,047	Southeast
45842	Situk Weir Chinook-Sockeye	2007	ADF&G, Commercial Fisheries Division, will count all species of salmon at the Situk River Weir from July 1, 2009 through August 15, 2009. These counts will be used to manage the Situk-Ahrnklin Inlet set gillnet fishery, the sport fishery, and the subsistence fisheries to ensure escapement objectives are met. The database of biological sampling of sockeye and Chinook salmon for ASL will also be maintained as a result.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$33,022	Southeast
45844	Taku River Smolt and Escapement – Year 3	2007	This project will sample returning adult coho salmon on the Taku River for the presence of coded wire tags (CWTs) using fish wheels and set gillnets operated near Canyon Island in the lower Taku River in 2009. At the same time, adults are tagged as part of a two-event mark-recapture study to estimate the inriver abundance and sampled for age, sex, and length composition data; a short distance upriver, in Canada, adults are inspected for tags in the commercial gillnet fishery. This project will also CWT coho salmon smolt as they emigrate from the Taku River in the spring of 2010 for future research. <i>This project continues work begun in AKSSF projects #45023 and #45464.</i>	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$62,316	Southeast

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45845	Chilkat River Smolt CWT – Year 4	2007	This project will CWT Chinook and coho salmon smolt emigrating from the Chilkat River in the spring of 2010. Data from this project will be used to document the subsequent distribution of the tagged fish in marine harvests in 2011 (coho) and 2011-2015 (Chinook), funded separately through existing ADF&G port-sampling programs. <i>The project continues the work in AKSSF projects #45621, #45705, and #45831.</i>	ADF&G, Sport Fish Division	RM&E	11/1/09	6/30/10	\$95,311	Southeast
45847	Slikok Creek Critical Habitat	2007	This research project is phase one of a long-term ADF&G goal to assess adult and juvenile salmonid populations (Chinook and coho) and their critical habitat use in smaller (less than 6 meter streamwidth) tributaries of the Kenai River. This research will be for assessment of Slikok Creek. PI will use passive integrated transponders (PIT) tags to monitor adult fish movements and to identify run timing and primary stream reaches utilized for spawning. For juvenile fish, PI will monitor seasonal movements to identify critical rearing habitat locations by stream reach.	ADF&G, Sport Fish Division	RM&E	4/4/08	4/30/11	\$169,096	Central (Cook Inlet)
45848	Non-Natal Stream Use by Juvenile Chinook	2007	This project will identify important rearing areas for juvenile Chinook salmon in the U.S. portion of the upper Yukon River drainage. It will prioritize stream sampling, inventory at least 60 Yukon River tributary streams for the presence of juvenile Chinook; describe rearing habitat characteristics for the Chinook found in sampled streams; nominate streams for inclusion in the State of Alaska's AWC; describe timing and duration of non-natal Chinook immigrants; and will involve local student and community members in the collection, analysis and dissemination of project results.	US Fish and Wildlife Service (USFWS)	P&A	4/17/08	5/30/11	\$101,738	AYK (Upper Yukon River)
45849	Kodiak Comprehensive Salmon Plan	2007	This project performs a complete review of past Kodiak Regional CSPs and will submit an updated Kodiak Regional CSP to the Commissioner of ADF&G. Public input regarding Kodiak salmon will be solicited and incorporated. Educational public meetings will initially be held in each of the affected Kodiak communities, including the City of Kodiak, Ouzinkie, Port Lions, Larsen Bay, Karluk, Akhiok, and Old Harbor.	Kodiak Regional Aquaculture Association (KRAA)	P&A	5/1/08	6/30/11	\$186,370	Westward

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45850	Copper River Sockeye Radio Telemetry	2007	This project will (1) estimate the proportions of spawning sockeye salmon in each of six major spawning tributaries in the Copper River basin, and (2) describe the stock-specific run-timing pattern of sockeye salmon past the point of capture at Baird Canyon.	Native Village of Eyak	RM&E	5/2/08	3/31/11	\$576,097	Central (Prince William Sound)
45851	DIDSON-Based Chinook Assessment	2007	This project will implement a new imaging sonar technology for providing escapement estimates of Chinook salmon in the Kenai River. This project builds on previous investigations which have shown that fish size estimates derived from DIDSON images provide a more accurate means of estimating Chinook salmon passage than the split-beam technology that is currently used. Good fish size estimates are critical for distinguishing Chinook from the more numerous sockeye salmon. More accurate estimates of Chinook salmon abundance will benefit inseason management and the setting of escapement goals.	ADF&G, Sport Fish Division	RM&E	5/7/08	6/30/11	\$200,552	Central (Cook Inlet)
45852	Tanana River Tributary Fish Inventory	2007	This project will identify the presence of salmon species and catalog anadromous waterbodies in the Tanana River drainage tributaries between Nenana and Delta Junction, Alaska during the open water season. The purpose of the project is to identify the location of critical spawning, rearing, and migration habitat along with site-specific aquatic habitat characteristics such as substrate, water chemistry, and hydrology. This project will add to and augment the AWC by determining the presence of anadromous fish species in the tributaries to the Tanana River.	US Fish and Wildlife Service (USFWS)	P&A	5/15/08	6/30/10	\$187,592	AYK (Upper Yukon River)
45853	Salmon Rearing Habitat Restoration	2007	The Little Campbell Creek (LCC) Salmon Rearing Habitat Restoration project will restore channel habitat and remove one of the highest priority fish passage barriers (aka D & S Concrete site) in lower LCC. This barrier severely limits juvenile salmon access (primarily coho) and hinders adult salmon migration to approximately 50% of the LCC watershed. The previous culvert will be replaced with a pre-cast concrete culvert that provides for maintenance access and ability to maintain fish passage through the culvert.	Municipality of Anchorage (MOA)	HP&R	5/19/08	5/31/11	\$805,059	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45854	Autonomous Salmon Lake Mapping	2007	This project addresses the need to collect high spatial and temporal resolution data on the abiotic and biotic water quality parameters that influence the growth, survival, and sustainability of wild juvenile sockeye salmon in lakes on the Kodiak Archipelago, Alaska. This project will utilize the application of an Autonomous Underwater Vehicle (AUV) to map water quality parameters important to marine and freshwater survival of wild salmon stocks on Kodiak Island. In addition, a feasibility study will assess juvenile salmon abundance in the fall and in the following spring to see if the AUV is capable of estimating winter survival.	ADF&G, Commercial Fisheries Division	RM&E	5/29/08	12/31/10	\$138,123	Westward
45855	Mat-Su Fish Habitat Restoration Workshop	2007	This project will use a two-day Restoration Workshop to deliver essential fish life cycle and habitat educational information, a fish habitat restoration curriculum, and bio-technical restoration technique information to the Mat-Su Borough staff, state and federal agencies, municipalities, watershed groups, non-profit organizations, conservation groups, contractors, and private consultants.	ADF&G, Sport Fish Division	O&E	5/29/08	10/31/08	\$12,875	Central (Cook Inlet)
45856	Mat-Su Valley Restoration Cost Share - Phase 1	2007	This project will fund fish habitat restoration projects on Fish, Wasilla, and Cottonwood Creeks, the Little Susitna River, and Wasilla Lake. Rehabilitation will take place on approximately 1,412 feet of lake, stream, and river bank using brush layering, vegetative mat, rootwads, live staking and trenched willows. In addition, this project will fund 3 habitat restoration workshops in 2009, 2010, and 2011. Through these workshops approximately 260 feet of streambank will be rehabilitated using brush layers and vegetative mat. <i>This project is continued in AKSSF project 44615.</i>	ADF&G, Sport Fish Division	HP&R	5/1/08	12/31/11	\$440,614	Central (Cook Inlet)
45857	Instream Flow on Stariski Creek	2007	In cooperation with ADF&G, Cook Inletkeeper will maintain a stream gage and measure flow on Stariski Creek to provide the necessary data to quantify instream flows to protect salmon habitat. Annual water quality reports will be available online at www.inletkeeper.org .	Cook Inletkeeper	RM&E	7/1/08	6/30/11	\$33,026	Central (Cook Inlet)
45858	Catch Composition in Bristol Bay	2007	Investigators will use DNA data to determine the historical stock composition of sockeye salmon caught in the Egegik, Ugashik, Nushagak, Togiak, and Naknek-Kvichak Districts of Bristol Bay to produce improved brood tables that will provide improved pre-season forecasting, improved inseason forecasting, and improved escapement goals.	University of Washington, School of Aquatic and Fisheries Sciences (UW, SAFS)	RM&E	7/1/08	6/30/10	\$324,694	Central (Bristol Bay)

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45859	Chignik Sockeye Smolt Migration	2007	Using genetic techniques, this study will assess interactions and competition of sockeye salmon smolt in the Chignik watershed allowing biologists to predict salmon response to environmental change within the system and implement an appropriate commercial fisheries management strategy to maximize harvest.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/09	\$105,016	Westward
45860	Protecting Salmon From RCG - Phase 1	2007	This pilot project will determine current locations of Reed Canary Grass (RCG) on the Kenai Peninsula, contain the spread of this invasive species, and restore salmon habitat in three key locations. To achieve containment and restoration in these infested areas, the following four main steps will be taken: 1) convene a meeting with RCG experts and local agencies to discuss appropriate removal strategies; 2) invoke mechanical containment measures through a community salmon stewardship program; 3) monitor the success of the control techniques over multiple seasons to ensure containment and/or eradication; and 4) revegetate the disturbed areas with native plants to restore salmon habitat. See related AKSSF projects 45917, 44524.	Kenai Watershed Forum (KWF)	HP&R	7/1/08	12/31/11	\$39,484	Central (Cook Inlet)
45861	Instream Flow Technical Support	2007	The goal of this project is to obtain instream flow protection on various streams throughout Southcentral Alaska that have existing and sufficient supporting hydrologic information.	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/10	\$11,962	Central (Cook Inlet)
45862	Nushagak Chinook Productivity	2007	This project will reconstruct indices of Nushagak (Bristol Bay) Chinook salmon growth during each year in freshwater and marine habitats, 1971-2007. The project addresses the need to examine productivity of Chinook salmon in relation to growth and selectivity of gillnets and contributes to the development of a comprehensive stock assessment of Bristol Bay Chinook salmon.	Natural Resources Consultants, Inc. (NRC)	RM&E	7/1/08	1/31/11	\$108,580	Central (Bristol Bay)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45863	Hatchery Salmon Straying in Prince William Sound	2007	In order to better manage and preserve wild stocks of pink, chum, and sockeye salmon, PIs will: 1) initiate a comprehensive study to investigate the spatial and temporal extent of hatchery pink salmon straying into streams throughout PWS; 2) describe the genetic population structure of chum salmon from samples collected before the establishment of hatcheries in PWS; 3) determine how the potential degree of straying in the ADF&G study matches the extent of introgression resulting from hatchery-wild mating; and 4) determine the extent of hatchery sockeye salmon straying by examining otoliths of sockeye salmon carcasses collected at the major sockeye salmon spawning location and those found during other straying investigations.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/12	\$575,791	Central (Prince William Sound)
45864	Northern Cook Inlet GSI	2007	ADF&G will collect tissue samples from primary Chinook salmon spawning locations in NCI over a three-year period. Tissue samples will be analyzed using SNP genetic markers to identify measurable genotypic diversity among stocks. The purposes of this project are three-fold: 1) to develop a baseline of tissue samples and genetic data for NCI Chinook salmon populations, 2) to determine the level of discrimination that genetic information can provide among Chinook salmon stocks in NCI, and 3) to determine whether this discrimination has useful fishery applications.	ADF&G, Sport Fish Division	RM&E	7/1/08	1/31/12	\$387,525	Central (Cook Inlet)
45865	AWC in Western Alaska	2007	This project will fund ADF&G area office staff time to review department records, publications, and Fish Resource Permit reports to determine if data for unsubstantiated water bodies or water bodies not currently listed in the FDD/AWC exists. If so, assisting personnel will be tasked to complete and submit nomination forms which will be used to substantiate anadromous fish species presence in unsubstantiated water bodies or water bodies not currently listed in the FDD/AWC.	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/09	\$39,435	Westward
45866	Cook Inlet Sockeye GSI	2007	This project will fund the genetic analysis of samples collected from the gillnet commercial fisheries prosecuted in UCI in 2005 to 2007 that represent fishing areas and periods (fishery-time strata) for which no GSI estimates exist. Information from these analyses will also provide a better understanding of the distribution of stocks both temporally (within and among years) and spatially in the commercial catch.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	12/31/09	\$183,573	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45867	Remote Video Escapement	2007	Beginning in FY09, autonomous video counting towers (AVCTs) will be deployed on the outlet creeks of four lakes in Lower Cook Inlet (Delight, Desire, Mikfik, and Chenik) that support commercially-targeted wild stocks of sockeye salmon. A weir will be operated concurrently on at least one of the systems to evaluate the accuracy of video counts. This project will allow us to fund the additional equipment and staff needed to annually operate these projects. Operating AVCTs on these four streams for three years will enhance inseason fisheries management capabilities and further demonstrate the accuracy and reliability of this relatively new technology.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	10/31/11	\$251,863	Central (Cook Inlet)
45868	Mat-Su Instream Flow Protection - Year 1	2007	The goal of this project is to collect the hydrological data necessary to protect instream flows in at least three waters identified for their importance to the production of salmon in the Mat-Su Basin.	ADF&G, Sport Fish Division	P&A	7/1/08	9/30/09	\$94,652	Central (Cook Inlet)
45869	Genetics of Copper River Sockeye	2007	PIs will develop an extensive data set on the geographic and temporal diversity of sockeye salmon returning to the Copper River and adjacent drainages that can be used to monitor the timing and pattern of migration in marine and freshwater areas and better understand exploitation rates and stock vulnerability in the Copper River fishing districts.	ADF&G, Commercial Fisheries Division	RM&E	7/1/08	6/30/10	\$145,970	Central (Prince William Sound)
45870	Wetland Stream Habitats	2007	This project evaluates the relative importance of small wetland streams as juvenile salmon rearing and overwintering habitat. Comparisons of juvenile salmon catch rates, fitness and stream characteristics between six small upland and six small wetland stream systems will be used to estimate the relative importance of these two stream types as juvenile salmonid rearing habitat.	Aquatic Restoration and Research Institute (ARRI)	RM&E	7/1/08	9/30/10	\$171,902	Central (Cook Inlet)
45871	Climate Effects on Chinook	2007	Understanding the impact of environmental conditions and variability in biotic and abiotic factors on estimates of abundance and survival of Kuskokwim River Chinook salmon is important for forecasting abundance. Study objectives are to: 1) describe potential environment-recruit relationships by incorporating environmental variables into a spawner-recruit model; and 2) identify deficiencies in environmental and life-history information needed for improvement of this model.	University of Alaska Fairbanks (UAF)	RM&E	7/1/08	5/31/11	\$150,662	AYK (Kuskokwim River)

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45872	Sediment Transport - Lower Ship Creek	2007	A three-dimensional flow and sediment transport model (Environmental Fluid Dynamics Code, or EFDC, supported by the EPA) will be developed to determine whether the hydrodynamic and sediment character of Ship Creek in the vicinity of and downstream of the KAPP dam is likely to change significantly as a result of dam removal.	University of Alaska Anchorage (UAA)	P&A	7/1/08	6/30/11	\$79,982	Central (Cook Inlet)
45873	Mat-Su Fish Passage Restoration	2007	The Mat-Su Fish Passage Improvement Plan will be a collaborative multi-agency effort to prioritize the more than 130 culverts that should be replaced in the Mat-Su Basin to restore fish passage for anadromous fish. The plan will include short and long term actions, identify potential funding resources, and integrate with local, state, and railroad reconstruction and maintenance plans.	MSRDC	P&A	8/15/08	12/31/09	\$257,650	Central (Cook Inlet)
45874	Anadromous Cataloging - Year 1	2007	In August 2008, a rapid, systematic inventory of salmon distribution and associated aquatic and riparian habitat characteristics in streams and rivers of the Yukon River drainage between Kaltag and Marshall will be conducted. At each reach sampled, a suite of aquatic and riparian habitat characteristics will be documented. These observations will be recorded in the Alaska Freshwater Fish Inventory database (AFFID), and made publicly available via the AFFID internet mapping service. Each water body in which salmon or other anadromous fish are observed will receive a nomination to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes (AWC).	ADF&G, Sport Fish Division	P&A	7/1/08	6/30/09	\$85,315	AYK (Yukon River)
45875	Fish Passage Retrofit - Duncan Drive	2007	This project addresses upstream fish passage for juvenile salmonids currently limited by deteriorating geomorphological conditions at a culvert that is perched in an unnamed tributary of the Kenai River. Replacement of the existing perched culvert with a larger culvert designed to provide natural stream conditions within the culvert environment, favorable to upstream fish movement, will dramatically improve fish passage at the crossing.	ADF&G	HP&R	1/1/09	8/31/09	\$56,409	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45876	Fish Passage - Kenai River Tributary	2007	This project will remove the three existing culvert barriers and install three new properly-sized culverts utilizing a stream simulation design in the summer 2009 construction period. Restoration or improvement of historic fish passage and upgrading of stream crossings associated with roads are one part of the ADF&G's efforts to maintain healthy salmonid populations and protect water quality in Alaska's watersheds. This project will reestablish free and efficient access to approximately 1.1 miles of historically occupied salmonid rearing habitats near the Kenai River and improve habitat quality for all aquatic organisms.	ADF&G, Sportfish Division	HP&R	1/1/09	9/30/10	\$84,428	Central (Cook Inlet)
45877	Port Moller Salmon Test Fishery	2007	This project sets out a research program to develop more representative (i.e., random) sampling gear at Port Moller and will involve fishing alternate gillnet gear for three seasons in addition to fishing the historical test gillnet. A sampling program with less selectivity with respect to fish body size will improve the accuracy and precision of age and stock composition estimates from the test fishery and ultimately improve the ability of the test fishery to index abundance.	Bristol Bay Science and Research Institute (BBSRI)	RM&E	5/1/09	12/31/11	\$426,683	Central (Bristol Bay)
45878	Mat-Su Basin Fish Passage Inventory	2007	This fish passage inventory will identify the actual number, type, and location of unevaluated stream crossings remaining in the Mat-Su Borough (MSB) and determine the proportion of these stream crossings that may be barriers to fish movement. Subsequently, ADF&G will identify a subset of the highest priority crossing sites and offer recommendations for restoration of fish passage. The ultimate goal of the project is to enable the restoration or improvement of access to upstream salmonid habitats that have been degraded by stream-road crossings.	ADF&G, Sport Fish Division	P&A	7/1/09	3/31/12	\$509,428	Central (Cook Inlet)
45879	Fairbanks Restoration Workshop	2007	This project funds a two-day Restoration Workshop for Fairbanks North Star Borough ADF&G staff, state and federal agencies, municipalities, watershed groups, non-profit organizations, conservation groups, contractors, and private consultants. The Workshop will provide essential fish life history and habitat educational information, a fish habitat restoration curriculum, and bio-technical restoration technique information, supplementing the educational outreach necessary for the successful conduct of future restoration efforts in or near Fairbanks. The Workshop will also restore approximately 50 feet of damaged riverbank.	ADF&G, Sport Fish Division	O&E	5/1/09	6/30/09	\$9,718	AYK (Upper Yukon River)

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45880	Homer Restoration Workshop & Access	2007	This project funds a two-day Restoration Workshop (Workshop) for state and federal agencies, municipalities, watershed groups, non-profit organizations, conservation groups, contractors, and private consultants. The Workshop will provide essential fish life history and habitat educational information, a fish habitat restoration curriculum, and bio-technical restoration technique information, supplementing the educational outreach necessary for the successful conduct of future restoration efforts in or near Homer. The Workshop will also restore approximately 50 of damaged riverbank and install light penetrating gratewalks and stairways.	ADF&G, Sport Fish Division	O&E	5/1/09	6/30/09	\$24,031	Central (Cook Inlet)
45881	Fish Passage Restoration Coal Creek	2007	This project will contribute funds for and oversee the replacement of the existing culvert barrier in Coal Creek with a new, larger, fish-friendly culvert and to stabilize the adjacent stream channel using bio-engineering techniques. The new crossing structure will utilize a stream simulation design that will involve removal of the existing culvert and installation of a new properly sized structure.	ADF&G, Sport Fish Division	HP&R	5/1/09	6/30/10	\$185,099	Central (Cook Inlet)
45882	Egegik Catch Genetics ID	2007	This project will provide postseason estimates of the stock composition of sockeye salmon samples designed to test the efficacy of changing variables under management control within the Egegik commercial fishing district. Using a targeted test fishery, fish samples will be collected under varying conditions and locations (e.g., tidal stages, temporal strata, district boundaries, etc.) to better understand and manage mixed stock commercial fisheries. Stock compositions will be identified using the existing sockeye salmon genetic baselines and descriptive markers.	ADF&G, Commercial Fisheries Division	RM&E	6/1/09	6/1/12	\$222,171	Central (Bristol Bay)
45883	Matanuska R. Spawning Distribution	2007	This project describes the run timing, spawning distribution, and abundance of sockeye, chum, and coho salmon in the Matanuska River. The information collected will identify habitat important for sockeye, chum, and coho salmon, allowing local land managers and planners to better protect and conserve important salmon habitat from current and future development activities in the Matanuska River watershed. The project will also provide fishery managers with baseline data regarding the relative run strength and timing for all species of Pacific salmon, and spawning distribution and abundance of sockeye, chum, and coho salmon in the Matanuska River watershed.	US Fish and Wildlife Service, Anchorage Fish and Wildlife Field Office	P&A	5/1/09	3/31/12	\$239,991	Central (Cook Inlet)

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45884	Westward Region Limnology	2007	This project will collect spatial and temporal baseline water quality data and conduct the analysis and reporting of these baseline data from eight sockeye salmon nursery lakes of the Alaska Peninsula (two lakes) and Kodiak Archipelago (six lakes). It will monitor and describe the rearing site characteristics and ecological factors that may limit or enhance sockeye salmon production and fisheries management, and improve the assessment of current escapement goals and forecasts via the incorporation and development of limnology models or data relative to current climatic conditions.	ADF&G, Commercial Fisheries Division	RM&E	5/1/09	3/31/12	\$284,424	Westward (Kodiak)
45885	Mat-Su Basin AWC	2007	This project will contribute salmon data to the Catalog of Waters Important for Spawning, Rearing, or Migration of Anadromous Fishes – Southcentral Region (AWC) for the Matanuska and Susitna Rivers and their tributaries. Data from this project that leads to increased documentation of anadromous waters will provide additional salmon habitat protections.	US Fish and Wildlife Service (USFWS) Anchorage Fish and Wildlife Field Office	HP&R	7/1/09	12/31/09	\$69,760	Central (Cook Inlet)
45886	Southcentral Cost Share Program	2007	This project will fund approximately 70 fish habitat restoration projects on the Kenai and Kasilof Rivers on the Kenai Peninsula. The rehabilitations projects will protect approximately 7,000 feet of fish habitat with elevated, light penetrating gratewalks and cabled spruce trees, and rehabilitate approximately 1700 feet of river bank using brush layering, vegetative mat, rootwads, live staking and trenched willows. In addition, approximately 500 feet of structures detrimental to juvenile salmon rearing will be removed.	ADF&G, Sport Fish Division	HP&R	7/1/09	12/31/11	\$270,682	Central (Cook Inlet)
45887	Fairbanks Cost Share Program - Phase 1	2007	This project will fund approximately 10 fish habitat restoration projects, on the Chena and Salcha Rivers in and near Fairbanks. The rehabilitations projects will protect approximately 600 feet of fish habitat with elevated, light penetrating gratewalks and cabled spruce trees, and rehabilitate approximately 1000 feet of river bank using brush layering, vegetative mat, rootwads, live staking and trenched willows. In addition, approximately 100 feet of structures detrimental to juvenile salmon will be removed. See related project 44530.	ADF&G, Sport Fish Division	HP&R	7/1/09	12/31/11	\$172,705	AYK (Upper Yukon River)

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45888	Susitna Sockeye Escapement	2007	This project will estimate adult sockeye salmon escapement in five sockeye salmon rearing lakes with invasive northern pike (Chelatna, Shell, Lockwood, Trapper, and Red Shirt) and two without (Larson and Judd). Estimates of sockeye salmon escapement among lakes will be used to help evaluate escapement goals and potential management actions. This project will provide lake escapement estimates that will be used to help evaluate the Yentna sonar estimate. CIAA will enumerate adult escapements in each lake and collect species data and age, sex, and length (ASL) data. <i>This project continues work begun in AKSSF project 45608 (objective 2) which estimated sockeye salmon adult escapement and fall fry and smolt abundance in seven lakes in the Susitna River watershed (Judd, Shell, Hewitt, Chelatna, Larson, Stephan, and Byers) through June 2009.</i>	Cook Inlet Aquaculture Association (CIAA)	RM&E	7/1/09	3/31/12	\$757,795	Central (Cook Inlet)
45889	Anadromous Cataloging in W. AK – Year 2	2007	In August 2009, this project will conduct a rapid, systematic inventory of anadromous fish distribution and associated aquatic and riparian habitat characteristics in selected middle Kuskokwim and Unalakleet River drainages. Each of three crews will sample standardized target stream reaches using electrofishers with sufficient effort to collect all species (perhaps with the exception of rare species) of the extant fish community. At each reach sampled, standard aquatic and riparian habitat characteristics will also be documented. These observations will be recorded in the AFFI database (AFFID), and made publicly available via the AFFID internet mapping service. For each water body in which anadromous fish are observed, a nomination to The Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes (AWC) will be submitted. <i>This project continues work begun in AKSSF project #45874.</i>	ADF&G, Sport Fish Division	P&A	7/1/09	6/30/10	\$95,560	AYK
45890	Substantiation of the AWC in SC AK	2007	This project will provide funding for ADF&G area office staff to review ADF&G records, publications, and Fish Resource Permit reports to identify data for unsubstantiated water bodies or water bodies not currently listed in the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes and its associated Atlas (AWC). Project staff will complete and submit nominations forms which will be used to substantiate anadromous fish species presence in unsubstantiated water bodies or water bodies not currently listed in the AWC. In addition, staff from each area office will identify water bodies in their areas where anadromous fish species are known or suspected to be present but are not presently documented in the AWC and will prepare sampling plans to substantiate their presence.	ADF&G, Sport Fish Division	P&A	7/1/09	6/30/10	\$27,017	Central (Cook Inlet)

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45891	Mat-Su Instream Flow - Yr. 2	2007	This project will collect and analyze the hydrological data necessary to protect instream flows in four reaches of streams identified for their importance to the production of salmon in the Mat-Su Basin. Meadow Creek and Fish Creek, the stream systems targeted, are deemed high priorities for salmon habitat protection by ADF&G, Alaska Clean Water Actions (ACWA), and the Mat-Su Basin Salmon Conservation Partnership. <i>This project continues work begun in AKSSF project #45868.</i>	ADF&G, Sport Fish Division	RM&E	10/1/09	9/30/10	\$54,716	Central
45892	Big Lake Spawning Distribution	2007	The Big Lake system is a significant physical feature of northern Cook Inlet, yet very little is known about sockeye and coho salmon spawning distributions in the watershed. This project will direct efforts to identify and maintain wild salmon populations and salmon habitats by describing the watershed's run-timing and spawning distributions of sockeye and coho salmon. The results will provide needed baseline data for fishery and habitat managers. The overall goal is to provide information needed for protection and restoration of the spawning habitats in the Big Lake drainage.	U.S. Fish and Wildlife Service (USFWS)	RM&E	7/1/10	5/1/11	\$46,734	Central (Cook Inlet)
45893	Biotic Evaluation of Fish Passage	2007	Current methods to assess fish crossing structures are based on physical measures and mathematical models. This project will examine the abundance of juvenile salmon above and below barriers to migration in order to refine these models and determine the type and location of barriers that have the most significant influence on juvenile salmon distribution.	Aquatic Restoration and Research Institute	RM&E	7/1/10	4/30/12	\$74,624	Central
45894	Wasilla Creek Flow Protection	2007	This project will fund continued collection of hydrologic data from gage #15285000 located on Wasilla Creek. Data from this gage are requisite for a reservation of water needed for the protection of stream flows that support continued production of salmon.	ADF&G, Sport Fish Division	HP&R	7/21/10	3/31/12	\$26,574	Central (Cook Inlet)
45301 (800)	Outreach & Education Grant Program – Year 1	2007	The Alaska Department of Commerce, Community, and Economic Development (Commerce), Division of Community and Regional Affairs (DCRA), will administer the Alaska Sustainable Salmon Fund Outreach and Education Program to educate the public on the value of and types of actions that should be taken for conservation, restoration, and sustainability of healthy Pacific salmonid populations and their habitat.	Alaska Department of Commerce, Community, & Economic Development (Commerce)	RM&E	8/1/10	3/31/12	\$1,030,000	Statewide

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45318 (800)	Chilkat Chinook-Coho CWT	2007	This project will coded wire tag (CWT) Chinook and coho salmon smolt in spring 2011 and Chinook salmon juveniles in fall 2011 on the Chilkat River. This information will allow estimation of the annual age composition, CWT fraction, freshwater production, marine harvest, and fresh- and saltwater survival parameters by brood year for these stocks. <i>This project continues work begun in AKSSF projects 45845, 45621, 45705, 45831, and 45958.</i>	ADF&G, Sport Fish Division	RM&E	9/1/10	12/31/11	\$163,929	Southeast
45319 (800)	Mark, Tag, and Age Lab Support – Year 5	2007	This project will process up to 25,000 coded wire tags (CWTs) and up to 28,000 otoliths at the ADF&G Mark, Tag, and Age Lab (MTA). This information will provide accurate and timely recovery and reporting of salmon tag and mark data that are central to in-season management of Southeast Alaska salmon fisheries and will assist managers in maintaining a thorough understanding of salmon stock distributions and relative abundances. This project continues work begun in AKSSF projects 45710, 45817, 45843, and 45962.	ADF&G, Commercial Fisheries Division	RM&E	7/1/11	3/31/12	\$87,584	Southeast
45324 (800)	SE AK Chinook GSI Sampling - Archiving	2007	This project will extend sample collection for genetic stock identification (GSI) of Chinook salmon harvested or encountered in the commercial troll and sport fisheries and for the directed drift gillnet harvests in Southeast Alaska (SE AK).	ADF&G, Commercial Fisheries Division	RM&E	10/1/09	9/30/10	\$44,246	Southeast
45325 (800)	Klawock Causeway Fish Passage	2007	This project will re-establish fish passage and high-tide flow exchange through the earthen causeway that provides the foundation for the Klawock–Hollis highway across the eastern portion of Klawock Bay by installing a concrete box culvert.	Klawock Cooperative Association (KCA)	HP&R	10/28/09	3/31/12	\$165,866	Southeast
45328 (800)	ACWA Grants DEC – Year 5	2007	This project provides funds for the Alaska Clean Water Actions (ACWA) program, a joint effort of the Alaska Department of Natural Resources (DNR), Alaska Department Environmental Conservation (DEC), and ADF&G. Three projects on priority water bodies will receive funds for ongoing projects. Takshanuk Watershed Council will conduct stream gauging on Sawmill Creek and Onemile (Holgate Creek) near Haines to gather data for ADF&G to file instream flow reservations, and the City and Borough of Sitka will continue to improve and evaluate the water quality of Granite Creek. <i>This project continues work begun in AKSSF projects 45282, 45737, 45813, and 45945.</i>	ADF&G, Sport Fish Division	HP&R	7/1/10	6/30/11	\$49,019	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45329 (800)	Upper Chilkoot Watershed Assessment	2007	This project will identify and analyze the location and patterns of salmonid species in the Upper Chilkoot Valley, one of two major watersheds supporting subsistence fisheries in the Haines area. The work will continue previous assessment work by Takshanuk Watershed Council (TWC) that focused on the lower portion of the Chilkoot Valley; this project will expand the geographic scope of the work and complete mapping of the Anadromous Waters Catalog (AWC) in the valley. <i>This project expands on the cataloging and characterization work begun in AKSSF projects 45825 and 45959.</i>	Takshanuk Watershed Council (TWC)	HP&R	7/1/10	6/30/11	\$29,948	Southeast
45330 (800)	Salmon Habitats Taku River – Yr 2	2007	This project will identify and assess salmonid distribution patterns and freshwater habitats within the U.S. portion of the Taku River watershed by conducting multi-season (spring, summer, and fall) and multi-year (n = 2) sampling events to identify habitats used by salmonids. This work will expand the coverage of the Anadromous Waters Catalog (AWC) as well as collect hydrological and biological data relevant to habitat protection on the Taku River, known to be a keystone salmonid production system. <i>This project continues work begun in AKSSF project 45951.</i>	ADF&G, Sport Fish Division	P&A	7/1/10	6/30/11	\$145,322	Southeast
45843	Mark Tag and Age Lab Support - Year 3	2008	Coded wire tag (CWT) data is used to estimate marine harvests, total production, and to develop databases to support development of escapement goals, as well as to monitor compliance with Pacific Salmon Treaty obligations. The accurate and timely processing of CWTd salmon supplies data necessary to manage salmon fisheries and gain better understanding of salmon stocks. This project funds seasonal technicians performing dissections and processing CWTs at the ADF&G Tab Lab and otoliths at the ADF&G Thermal Mark Lab and <i>continues work begun in AKSSF projects #45710 and #45817.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$77,250	Southeast
45902	PCSRF Technical Assistance FFY08	2008	This project funds the Alaska Sustainable Salmon Fund (AKSSF) program manager and staff to perform AKSSF program oversight, project management, and fiscal management to ensure appropriate use of federal funds on behalf of the State of Alaska.	ADF&G, Commercial Fisheries Division	PA	7/1/10	6/30/13	\$755,725	Statewide

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45906	Salmon Habitat – Stream Temperature	2008	Stream water temperatures affect many aspects of Pacific salmon life history and, as they approach salmon tolerance values, can make fish more susceptible to disease and negatively influence survival. Recent data shows that water temperatures in many southcentral Alaska stream types are near or exceed tolerance values. Changes in water temperatures due to land use development or climate change could influence the abundance of Pacific salmon. A clearer understanding between migration timing, spawning habitat selection, juvenile survival, and temperatures will help interpret salmon return data and improve management and protection of Pacific salmon within southcentral Alaska streams.	Aquatic Restoration and Research Institute (ARRI)	RM&E	5/1/09	3/31/13	\$92,978	Central (Cook Inlet)
45907	Kvichak Sockeye Smolt Study	2008	This project will test a comprehensive acoustic and net sampling program by deploying it to enumerate and sample smolt in the Kvichak River during the spring of 2009, 2010, and 2011, providing estimates of the number, age, and size of sockeye salmon smolt migrating to sea from the Kvichak River system. Age and size information will be collected from sockeye salmon smolt captured near the counting site with fyke nets or traps.	ADF&G, Commercial Fisheries Division and Bristol Bay Science and Research Institute	RM&E	5/1/09	6/30/12	\$230,115	Central (Bristol Bay)
45908	High Resolution SNPs for Sockeye	2008	This project will use newly developed high throughput sequencing to discover thousands of new SNPs in sockeye salmon and will test the hypothesis that high resolution SNPs, encoded by alleles subject to natural selection, have temporally stable allelic frequencies enabling use of a common baseline data set for periods of decades.	University of Washington, School of Aquatic & Fishery Sciences (UW - SAFS)	RM&E	6/1/09	6/30/11	\$321,621	Central
45909	SC Hydrologic & Adjudication Support	2008	This project will provide DNR with funding to support a hydrologist to assist with the hydrologic components of existing and future ADF&G reservation of water applications and provide hydrologic technical support for salmon-producing waterbodies in Southcentral. This project will help DNR and ADF&G implement the MOU for improving administrative processing of applications on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous waterbodies.	ADFG, Sport Fish Division Statewide Aquatic Resources Coordination Unit (SARCU)	HP&R	7/1/09	6/30/10	\$14,189	Central
45910	Bristol Bay Fishery Selection	2008	This project will fund 1) the assembly of commercial and recreational fishery catch and escapement data into an Access database and 2) the development of standardized models that use these data to evaluate the catch and escapement fish size and age distributions and to quantify fishery selection. Specifically, this project will focus on Kvichak district sockeye, a “Stock of Concern,” and Nushagak River Chinook, which have high commercial and recreational value and which have experienced stock declines.	University of Washington, School of Aquatic & Fishery Sciences (UW - SAFS) and ADF&G, Commercial Fisheries Division	RM&E	7/1/09	12/31/11	\$94,708	Central (Bristol Bay)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45911	Genetic Analysis of Chinook Bycatch	2008	This project will identify the limits of the current bycatch sample collections, stratify the samples through a subsampling plan, and then determine stock assessments for the Chinook bycatch within the identified strata. This will be accomplished by genotyping available Chinook salmon genetic samples collected by the Observer Program for 2008 and then grouping those samples in a manner that will minimize bias and variation in composition estimates.	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Auke Bay Laboratories, Ted Stevens Marine Research Institute (NOAA/NMFS, ABL, TSMRI)	RM&E	7/1/09	6/30/10	\$62,418	AYK (Bering Sea)
45912	Yentna Fish Wheel Selectivity	2008	This project will estimate the species selectivity of the fish wheels used to apportion sonar counts using tagging methods previously used on the Taku River. Sockeye, pink, chum, and coho salmon will be tagged at Flathorn station 10 km downstream of the Yentna sonar site. The species selectivity of the Yentna fish wheels will be estimated from the tag recapture rate of each species in the Yentna wheels. Project results will be used to correct for species selectivity of the fish wheels, thus improving the accuracy of Yentna sockeye salmon escapement estimates.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	3/31/13	\$856,699	Central (Cook Inlet)
45913	Yentna Sonar Error Estimation	2008	This project will examine five error sources of estimating salmon abundance on the Yentna River using DIDSON and evaluate whether the new methods provide a more accurate sockeye salmon abundance estimate by comparing old and new estimates with aggregate upstream weir counts. The following error sources will be investigated: observer counting errors, truncating the field season, fish migrating outside the sonar beam, reduced detection of fish within the sonar beam, and uneven capture probability in the fish wheel.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	3/15/13	\$637,196	Central (Cook Inlet)
45914	Bristol Bay Sockeye Productivity	2008	This project will test the hypotheses that survival at sea of Bristol Bay sockeye salmon is dependent on growth in freshwater and that growth in freshwater is linked to biological factors (parent abundance, previous-year abundance) and environmental factors (temperature, precipitation). The study will utilize previously-measured adult sockeye salmon scales which will be used to back-calculate length-at-age of juvenile salmon from each major watershed when they migrated from fresh to marine waters. The growth database will encompass major climate events and will allow hypotheses about growth and survival in response to these events to be tested.	Natural Resources Consultants, Inc. (NRC) and ADF&G, Commercial Fisheries Division	RM&E	7/1/09	12/31/12	\$156,294	Central (Bristol Bay)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45915	Improve Salmon Forecast Accuracy	2008	The goal of this project is to improve Bristol Bay forecasts by incorporating new scientific information on competition between Asian pink salmon and Bristol Bay sockeye salmon by comparing forecast error during odd- versus even-numbered years by age group in each of the eight watersheds of Bristol Bay, 1967-2008. These findings will be used to test and incorporate the pink salmon effect into current forecast models for development of the forecast in 2010.	Natural Resources Consultants, Inc. (NRC) and ADF&G, Commercial Fisheries Division	RM&E	7/1/09	3/30/11	\$36,800	Central (Bristol Bay)
45916	Nushagak Chinook Genetics Baseline	2008	This project will fund the collection and analysis of genetics samples from Chinook salmon spawning in the Nushagak watershed.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/11	\$115,112	Central (Bristol Bay)
45917	Protecting Salmon from RCG Slikok/Kenai	2008	This project will determine current locations of Reed Canary Grass (RCG) on the Kenai Peninsula, contain the spread of this invasive species, and restore salmon habitat along portions of Slikok Creek and the Kenai River.	Kenai Watershed Forum (KWF)	HP&R	7/1/09	12/31/12	\$56,587	Central (Cook Inlet)
45918	Susitna Sockeye Production	2008	This project will estimate survival from potential egg deposition to fall fry, and fall fry to smolt, in 13 rearing lakes in the Susitna River with and without invasive northern pike. The relative abundance, size, and age composition of northern pike, and their consumption of juvenile salmon during the smolt migration, will be estimated in lakes where pike occur. CIAA will estimate smolt abundance and collect limnological samples in each lake. ADF&G will estimate fall fry abundance in each lake and conduct limnological laboratory analyses. The total escapement of sockeye salmon into the Susitna River will be estimated using a genetic-based mark-recapture method.	ADF&G, Commercial Fisheries Division and Cook Inlet Aquaculture Association (CIAA)	P&A	7/1/09	3/31/13	\$1,731,018	Central (Cook Inlet)
45919	Genetics of Westward Chum Salmon	2008	This project will assemble a comprehensive baseline of DNA data from 96 SNPs for chum salmon from the Westward Region of Alaska using newly collected and archived tissues. This information will be used to describe the genetic diversity of spawning populations of chum salmon both in terms of geographic and temporal variability. Once assembled, the data will be incorporated and merged with the larger Western Alaska Salmon Stock ID Program (WASSIP) baseline and used to more accurately and precisely apply genetic stock identification applications to estimate the catch contribution of Westward chum to WASSIP fisheries.	University of Washington (UW), School of Aquatic and Fishery Sciences	RM&E	7/16/09	6/30/12	\$308,280	Westward

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45920	Kuskokwim River Sockeye Salmon – Phase 1	2008	This project will develop estimates of the number of sockeye salmon that returned to the Kuskokwim River annually from 1985 - 2012 by developing a statistical model that combines data collected from mark-recapture investigations with the historical escapement index.	ADF&G, Commercial Fisheries Division	RM&E	6/16/09	3/31/13	\$368,363	AYK (Lower Kuskokwim River)
45921	Susitna River Coho and Chum Abundance	2008	This project will 1) estimate the inriver abundance of coho and chum salmon in the Susitna River annually for three years using capture-recapture methods; 2) better define the stock composition of the Susitna River coho and chum salmon runs; 3) place historical stock assessment data into a drainage-wide context; and 4) help design future stock assessment projects that are more efficient and effective.	ADF&G, Sport Fish Division	RM&E	10/27/09	3/31/13	\$1,429,792	Central (Cook Inlet)
45922	Kenai River Smolt Abundance - Phase 3	2008	This project will estimate the abundance of sockeye salmon smolts emigrating from the Kenai and Russian Rivers. Annual sockeye salmon smolt population estimates will be used to build life-history brood tables needed to improve forecasts, evaluate escapement goals, and examine effects of ocean conditions on stock productivity. <i>This project continues work begun in AKSSF projects 45571 and 45144 (700).</i>	ADF&G, Commercial Fisheries Division	RM&E	5/1/10	3/31/13	\$726,876	Central (Cook Inlet)
45923	Mat-Su Basin AWC – Yr. 2	2008	This project will partially fund a continued survey of anadromous waters in the Mat-Su basin, thus broadening the region's coverage in the state's Anadromous Waters Catalog (AWC). The information collected will be used by resource managers to protect and manage freshwater habitats that support salmon. Inclusion in the AWC provides specific protections in law for important water bodies. <i>This project continues work begun in AKSSF project 45885.</i>	U.S. Fish and Wildlife Service	P&A	7/1/10	3/31/11	\$23,303	Central (Cook Inlet)
45924	Wintering Ecology of Juvenile Coho	2008	This project will assess variation in the density, condition (size and body composition at smolting), and overwinter survival of juvenile salmon relative to habitat type. It will also characterize critical wintering habitats of the Anchor River on a basin-scale assessment through a remote sensing survey of off-channel habitats. Together this information will identify critical habitats for sustained coho production in one of the most important river systems on the southern Kenai Peninsula.	ADF&G, Kachemak Bay Research Reserve (KBRR)	RM&E	7/1/10	4/30/13	\$350,257	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45925	Chignik Smolt Genetics	2008	This project will estimate stock-specific freshwater production trends through genetic stock identification of juvenile sockeye salmon. Genetic data will be correlated with smolt age and condition information and population estimates to enable a comprehensive examination of the Chignik watershed for use in estimating primary production, refining appropriate escapement levels, and understanding how ongoing environmental changes in the watershed affect the rearing strategies, growth, or mortality of each stock. <i>This study continues work begun in AKSSF project 45859.</i>	ADF&G, Commercial Fisheries	RM&E	8/1/10	10/1/12	\$121,404	Westward (Alaska Peninsula)
45926	PWS and CI Sockeye Growth and Climate	2008	Sockeye salmon are important to subsistence and commercial fisheries in Alaska, but recent changes in climate may have had significant effects on salmon growth and survival. New evidence indicates highly abundant pink salmon can affect sockeye growth and survival at sea. This project will use growth measurements over time to examine relationships among sockeye salmon growth, productivity (survival), and the influence of climate change on growth (e.g., the 1976/77 and 1989 ocean regime shifts and the 1997/98 El Niño) as well as to evaluate potential effects of hatchery and wild pink salmon on growth and survival of three sockeye salmon populations in Prince William Sound (PWS) and Cook Inlet (CI).	Natural Resources Consultants, Inc. (NRC) ADF&G, Commercial Fisheries Division	RM&E	7/1/11	3/31/13	\$225,902	Central
45945	ACWA Grants DEC – Year 4	2008	Three projects were funded through the ACWA program administered by the Alaska Department of Environmental Conservation. The City and Borough of Sitka continued to improve the water quality of Granite Creek by installing additional riparian buffer protection, monitoring water quality, etc. The Juneau Watershed Partnership constructed two stormwater treatment systems and the Takshanuk Watershed Council continued to conduct stream gauging on Onemile (Holgate Creek) to provide ADF&G with data to support an instream flow reservation. Related AKSSF projects: 45282, 45737, 45813, and 45328 (800).	ADF&G, Sport Fish Division	HP&R	7/1/09	6/30/10	\$51,385	Southeast
45946	Effects of Hatchery Strays on Wild Chinook Salmon	2008	This project is an experiment designed to help clarify some of the potential genetic impacts of hatchery Chinook salmon on wild Chinook salmon by simulating reproduction in the wild between hatchery and wild origin fish using a laboratory environment to create specific combinations.	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Alaska Fisheries Science Center, Auke Bay Laboratory (NOAA/NMFS, AFSC, ABL)	RM&E	7/1/09	11/30/11	\$101,822	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45947	Disappearance Creek Chum Weir - Yr 2	2008	This project will monitor the escapement of fall chum salmon at Disappearance Creek (one of the primary chum salmon systems in Cholmondeley Sound) for one year and compare the project escapement estimate to aerial and foot survey estimates conducted by ADF&G personnel during the peak of the run.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$99,858	Southeast
45948	Auke Creek Salmonid Population Monitoring – Yr 4	2008	This project will continue research on coho salmon as a long-term indicator stock in a mainland lake system near Juneau by providing support for a weir technician to help operate and maintain Auke Creek Weir for continuous monitoring of downstream and upstream migrations of all salmonids. It will also continue associated research on long-term sockeye, pink, and chum salmon populations from the Auke Creek System. <i>This project continues work begun in AKSSF projects #45605, 45738, and 45816.</i>	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Alaska Fisheries Science Center, Auke Bay Laboratory (NOAA/NMFS, AFSC, ABL)	RM&E	7/1/09	6/30/11	\$86,726	Southeast
45949	McDonald Lake Sockeye GSI - Year 3	2008	This project will complete genetic stock identification (GSI) analysis on sockeye salmon tissue samples collected from commercial net fisheries in SSE AK to provide information on migratory pathways and timing of McDonald Lake sockeye. The analysis will be focused on tissue samples collected in three fishing areas (106-30, 106-41, and 101-29). <i>This project continues work begun in AKSSF projects 45720 and 45824.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$132,380	Southeast
45950	Chickamin Coho Escapement - Year 4	2008	In fall 2009, adult coho will be inspected inriver for the presence or absence of an adipose fin to estimate the marked fraction of smolt coded-wire tagged in spring 2008. Age, sex, and length data will also be collected. The escapement will be estimated through expansion of the peak aerial survey count. <i>This project continues work begun in AKSSF projects 45627, 45706, and 45819.</i>	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$52,571	Southeast
45951	Salmon Habitats of the Taku River	2008	This project will continue efforts to identify and assess relationships between juvenile salmonid distribution patterns and freshwater habitats in the Taku River watershed. <i>This project continues work begun in AKSSF projects 45767 and 45832.</i>	ADF&G, Sport Fish Division	P&A	7/1/09	6/30/10	\$142,510	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45952	Chilkat Fishwheel Stock Assessment – Yr 3	2008	This project funds the operation of two fish wheels to capture returning salmon in the lower Chilkat River. Salmon are captured to collect age, sex, length, and other biological information. All healthy adult sockeye salmon are tagged as part of a mark-recapture program used to estimate the inriver abundance of Chilkat River mainstem sockeye salmon. The information gathered by this project will assist fishery managers in efforts to effectively manage the fishery resource to assure adequate escapements are met.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/10	\$269,860	Southeast
45953	Nakwasina River Coho Escapement – Yr.5	2008	In fall 2009, adult coho will be inspected in the Nakwasina River for the presence or absence of an adipose fin to estimate the marked fraction of smolt coded wire tagged in spring 2008. Age, sex, and length data will also be collected. The escapement will be estimated through expansion of the peak foot survey count.	ADF&G, Sport Fish Division	RM&E	7/1/09	6/30/10	\$24,980	Southeast
45954	Chuck Creek Coho Escapement Weir - Yr 4	2008	This project provides an estimate of the marine harvest and distribution, marine survival, exploitation rate, smolt production, and adult escapement of Chuck Creek coho salmon by recovering coded wire tags from marine harvests and counting the coho escapement through the Chuck Creek weir. <i>This project continues work begun in AKSSF projects #45457, #45774, and #45834.</i>	ADF&G, Sport Fish Division	RM&E	7/1/09	12/30/10	\$77,154	Southeast
45955	Stress Effects & Mass-Marking in Salmon	2008	This project will examine the effects of hatchery-induced stress on larval fish physiology and development using physiological parameters (blood and whole body cortisol levels) and physical responses (growth rate, length, weight, mortality rate, and otolith morphology) to measure immediate and long-term responses and consequences to stress exposure to provide an evaluation of hatchery production protocols. This project will also evaluate the feasibility of using cortisol concentrations to identify and eliminate potentially problematic stress exposure before it affects fish development and will examine how these stressors affect otolith morphology to determine if any of them alter an otolith's ring structure in such way that it could be used to create unique otolith marks without significant adverse effects.	ADF&G, Commercial Fisheries Division	RM&E	7/1/09	6/30/12	\$90,501	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45956	SECM Sampling & Pink Forecasting	2008	This project will develop a forecast model to provide resource managers with a reliable pre-season forecast estimate of adult pink salmon returns in SE AK by sampling migrating juvenile pink salmon and their associated environmental conditions. These juvenile pink salmon, which have resided in the coastal ocean for some two-three months, are sampled along migration corridors while en route to the Gulf of Alaska.	National Oceanic and Atmospheric Administration/National Marine Fisheries Service, Auke Bay Laboratories, Ted Stevens Marine Research Institute (NOAA/NMFS, ABL, TSMRI)	RM&E	7/15/09	3/31/11	\$50,311	Southeast
45957	Parentage of Supplemented Sockeye – Yr 2	2008	This project is the second phase of an evaluation of sockeye supplementation designed to determine the feasibility of parentage analysis as a method of observing effects of supplementation on fitness. This project uses a model sockeye population in a single lake system to conduct a study of supplementation. This phase of the project will perform genetic analysis on the wild population of sockeye in Auke Lake and develop a design for an implementation of supplementation study. <i>This project continues work begun in AKSSF project #45814.</i>	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS)	RM&E	7/23/09	9/30/11	\$151,460	Southeast
45958	Chilkat River Smolt CWT - Year 4	2008	This project will CWT Chinook and coho salmon smolt emigrating from the Chilkat River in the spring of 2010. Data from this project will be used to document the subsequent distribution of the tagged fish in marine harvests in 2011 (coho) and 2011-2015 (Chinook), funded separately through existing ADF&G port-sampling programs. <i>This project continues work begun in AKSSF projects 45621, 45705, and 45831.</i>	ADF&G, Sport Fish Division	RM&E	11/1/09	6/30/10	\$81,357	Southeast
45959	Haines Salmon Habitat Assessment - Year 2	2008	TWC will expand on previous work cataloging and characterizing streams in the Haines Borough and use geographic information systems (GIS) technology to map salmon distributions. This project seeks to protect freshwater salmon habitat by nominating streams for inclusion in the State of Alaska's <i>Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes</i> and its associated Atlas (AWC). This project will help to conserve and protect salmon habitat through TWC's gaining a broader understanding of the distribution and character of salmon habitat. <i>This project continues work begun in AKSSF project 45825.</i>	Takshanuk Watershed Council (TWC)	P&A	8/10/09	12/31/10	\$30,432	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45960	Hydrologic & Adjudication Support - Yr. 4	2008	This project will continue to provide DNR with funding to support a hydrologist to assist with the hydrologic components of existing and future ADF&G reservation of water applications and provide hydrologic technical support for salmon-producing waterbodies in SE AK. This project will help DNR and ADF&G implement the MOU for improving administrative processing of applications on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous waterbodies in SE AK. <i>This project continues work begun in AKSSF projects 45040, 45107, 45626, 45765, and 45826.</i>	Statewide Aquatic Resources Coordination Unit (SARCU)	P&A	1/1/10	6/30/10	\$8,679	Southeast
45961	SE Subsistence Sockeye – Year 3	2008	This project will continue to assess and measure the sockeye breeding stock sizes and subsistence harvests at Hetta, Klawock, Falls, and Kanalku Lakes. The goal of these assessments is to increase the amount and quality of information available to guide fishery managers in their decision making. The project will also compile, maintain, and distribute information from databases, published reports, and other sources pertinent to all sockeye salmon stocks and fisheries in Southeast Alaska in support of management and conservation of these salmon resources. Field activities (data collection for the assessments performed in this project) were funded separately. <i>This project continues work begun in AKSSF projects 45772 and 45833.</i>	ADF&G, Commercial Fisheries Division	RM&E	2/16/10	6/30/10	\$27,326	Southeast
45962	Mark, Tag, & Age Lab Support – Yr. 4	2008	This project will fund seasonal technicians involved with hands-on dissection and processing of CWTs at the ADF&G Mark, Tag, and Age Lab (MTA Lab) and otoliths at the ADF&G Thermal Mark Lab. <i>This project continues work begun in AKSSF projects 45710, 45817 and 45843.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/11	\$79,570	Southeast

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45963	NBTBR Sockeye Stock ID - Year 3	2008	This project will collect weekly samples of up to 520 scales and associated biological data from commercially caught sockeye salmon in each of the District 101, 106, 108, and 111 drift gillnet fisheries and the District 101, 102, 103, and 104 purse seine fisheries. Scale samples will be analyzed to estimate the weekly catch of Alaskan Nass, Skeena, Fraser, Stikine, and Taku River sockeye salmon caught in each of the fisheries. The resulting data will be used, in conjunction with stock identification data from Canadian fisheries and escapement counts, to estimate the total return of each stock and the percentage of that total return caught in fisheries with treaty-based harvest-sharing agreements. <i>This project continues work begun in AKSSF project 45818 and 45841.</i>	ADF&G, Commercial Fisheries Division	EN	7/1/10	6/30/11	\$383,833	Southeast
45964	Salmon Aerial Surveys – Year 6	2008	This project continues ADF&G's salmon aerial survey program, funding additional aerial surveys to monitor salmon escapements in SE AK. The program will maintain the number of systems surveyed and the frequency of aerial surveys during peak spawning times; it also increases the opportunity to fly repeated aerial surveys by different individuals, thereby providing data for developing observer calibration correction factors for new surveyors in order to standardize pink salmon escapement survey data for observer counting bias. <i>This project continues work begun in AKSSF projects 45214, 45472, 45712, 45820, and 45321.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/11	\$111,176	Southeast
45965	Climate Change Impacts on Salmon	2008	This project will take advantage of more than three decades of data collected at Auke Creek, Alaska, to determine how climate change has affected run timing and habitat of several species of salmon important to commercial, sport, and subsistence harvests. The goals of this project are 1) to measure how climate change impacts salmonid migration timing and habitat, 2) to determine the specific freshwater habitat and oceanic environmental factors influencing pink salmon migration timing, and 3) to determine whether pink salmon are genetically adapting to climate change by shifting their migration timing. Understanding salmonid run timing and how it will change in the future is critically important to harvest management.	University of Alaska Southeast	RM&E	3/1/11	11/30/12	\$80,532	Southeast
45966	SE AK Fish Passage Assessments	2008	This project will provide a comprehensive inventory and assessment of fish passage conditions on 417 miles of state road in Juneau, Haines, Skagway, Gustavus, and surrounding communities as part of an ongoing ADF&G effort to comprehensively inventory and assess fish passage barriers throughout Alaska. In addition to the inventory, ADF&G will also identify a subset of the highest priority crossing sites and offer recommendations for restoration of fish passage at each. The ultimate goal of the project is to increase interest, awareness, and funding for restoration of, or improvements to, fish passage through stream crossings within the project area.	ADF&G, Sport Fish Division	P&A	4/1/11	11/30/12	\$160,209	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45967	AWC Catalog Inventories in SE AK	2008	Alaska's prolific Pacific salmon provide abundant recreational and commercial opportunities that benefit a wide array of user-groups and are considered to be the foundation of a healthy ecosystem. The primary goal of this project is to expand the known distribution of anadromous habitat as officially recognized in the Anadromous Waters Catalog (AWC) by surveying and nominating streams for inclusion. The AWC is the state of Alaska's primary regulatory tool for protecting and conserving fresh waters inhabited by Pacific salmon and other anadromous fish.	ADF&G, Sport Fish Division	HP&R	4/1/11	11/30/12	\$269,309	Southeast
45968	Northern Tlingit Salmon Fishing	2008	This project will investigate changes in the patterns of wild salmon subsistence use by the Chilkat and Chilkoot Tlingit and research Chilkat and Chilkoot Tlingit traditional ecological knowledge and fishing practices. Improved documentation of subsistence harvests supports effective salmon management and is essential for the Alaska Board of Fisheries to meet its statutory mandate to provide reasonable opportunities for subsistence uses. Understanding trends in Haines area subsistence salmon fisheries, including factors influencing participation in the fishery and harvest levels, are critical for management of salmon populations and habitat issues.	Alaska Social Science Research (ASSR)	RM&E	4/1/11	04/01/11	\$59,111	Southeast
45969	Sitkoh Restoration Partnership	2008	This project will restore 1,800 feet of streambed in the Sitkoh River that has been destabilized from past logging practices. The stream channel morphology will be restored to its natural function and spawning and rearing habitat reestablished for pink salmon (<i>Oncorhynchus gorbuscha</i>), coho salmon (<i>O. kitsuch</i>), and steelhead (<i>O. mykiss</i>).	Sitkoh Restoration Partnership	HP&R	4/14/11	11/30/12	\$107,946	Southeast
45970	Haines Salmon Habitat Assessment – Year 3	2008	This project is a continuation of a salmon distribution assessment in the Chilkat, Chilkoot, and Ferebee watersheds. Takshanuk Watershed Council (TWC) will trap, count, and identify fish in local streams of importance in order to identify and nominate streams for inclusion in the State of Alaska's <i>Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes</i> and its associated Atlas (AWC). Listing in the AWC is an essential step to ensuring statutory protection of streams. By increasing the number of listed streams, the project will increase the protection and knowledge of salmon distribution and habitat. A secondary effort will be made to increase life-stage specific knowledge of habitat usage on streams currently catalogued simply as 'species present' as time and funding allows. <i>See related AKSSF projects 45825, 45959 and 45329 (800).</i>	Takshanuk Watershed Council	HP&R	7/1/11	9/30/12	\$32,638	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45971	Refining SEAK Pink Salmon Forecast	2008	This project will refine the Southeast Alaska (SEAK) regional pink salmon forecast by 1) integrating additional sources of information about early marine growth, 2) inferring stock-specific marine growing conditions from hatchery-marked chum salmon, and 3) incorporating oceanographic data from the Gulf of Alaska and SEAK inside waters.	Univ. of Alaska Fairbanks, NOAA Alaska Fisheries Science Center	RM&E	7/1/11	3/31/13	\$102,327	Southeast
45972	GSI of Taku River Sockeye Salmon	2008	This project will complete genetic stock identification (GSI) analysis on sockeye salmon tissue samples collected from commercial gillnet fisheries in areas in and near the Taku River in Southeast Alaska. This analysis will be focused on tissue samples collected in District 111 and on evaluating the potential for GSI to replace scale pattern analysis for stock estimates in transboundary rivers. An understanding of stock composition in these fisheries is important to meet harvest share agreements and for sustainable management under the Pacific Salmon Treaty (PST). <i>This project continues work begun in AKSSF project 45097.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/11	11/30/12	\$135,969	Southeast
45973	Salmon Aerial Surveys – Year 7	2008	Intensive monitoring of incoming run strength is required for successful abundance-based management of commercial salmon fisheries in Southeast Alaska. Aerial surveys are the primary assessment method used to monitor pink and chum salmon throughout the region and sockeye and coho salmon runs in the Yakutat Management Area. Fishery openings are targeted where surplus production to escapement goals are identified. This project will provide additional aerial surveys in order to maintain the number of systems surveyed and the frequency of aerial surveys during peak spawning times, and to increase the opportunity to fly repeated aerial surveys by different individuals to provide data for developing observer calibration correction factors when needed. <i>This project continues work begun in AKSSF projects 45214, 45472, 45712, 45820, 45321, and 45964.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/11	11/30/12	\$241,885	Southeast

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
45974	NBTBR Sockeye Stock ID – Year 4	2008	This project will collect sockeye salmon scale and tissue samples from the Southeast Alaska commercial net fisheries and escapement systems. Scale and tissue samples will be analyzed to estimate the weekly catch of Alaska Nass, Skeena, Fraser, Stikine, Alsek, and Taku River sockeye salmon harvested in the Districts 101, 106, 108, and 111 drift gillnet fisheries; the District 182-30 set-net fishery; and the District 101, 102, 103, and 104 purse seine fisheries. The resulting data will be used in conjunction with stock identification data from Canada fisheries and escapement counts to estimate the total return of each stock and the percentage of that total return caught in fisheries with Pacific Salmon Treaty (PST) based harvest-sharing agreements. <i>This project continues work begun in AKSSF projects 45818, 45841, and 45963.</i>	ADF&G, Commercial Fisheries Division	EN	7/1/11	11/30/12	\$784,281	Southeast
45975	Hatchery Chum Straying - Yr 2	2008	In 2008, ADF&G initiated a project to collect baseline information from chum salmon index streams in Southeast Alaska in order to estimate the proportions of hatchery-produced chum salmon in samples from 44 (50%) of the 88 chum salmon index streams in the region. This project will ensure that adequate samples are obtained from the 44 streams identified in the baseline sampling and will provide additional data from a set of index streams in the Northern Southeast Inside Sub-region of Southeast Alaska. Documenting the presence or absence of hatchery strays in Southeast Alaska chum salmon streams is a critical first step in understanding the possible implications of hatchery straying on wild stock populations. <i>This project continues work begun in AKSSF project 45743.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/11	6/30/12	\$75,731	Southeast
45976	Porcupine Area Salmon Assessment	2008	The Takshanuk Watershed Council (TWC) will conduct a salmon distribution assessment in the Klehini River watershed in and around the Porcupine Mining District near Haines. TWC will trap, count, and identify fish in local streams of importance in order to identify and nominate streams for the State of Alaska's Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes and its associated Atlas (AWC). Listing in the AWC is an essential step to ensuring statutory protection of fish habitat. TWC will also gather water quality data for baseline information on anadromous streams as well as springs and ponds affecting these streams in the project area.	Takshanuk Watershed Council (TWC)	HP&R	7/1/11	11/30/12	\$48,948	Southeast

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45978	Outreach & Education Grant Program - Year 2	2008	The Alaska Department of Commerce, Community, and Economic Development (Commerce), Division of Community and Regional Affairs (DCRA), will administer the Alaska Sustainable Salmon Fund Outreach and Education Program to educate the public on the value of and types of actions that should be taken for conservation, restoration, and sustainability of healthy Pacific salmon populations and their habitat. Related AKSSF project: 45301 (800).	Alaska Department of Commerce, Community, and Economic Development (Commerce)	O&E	1/1/11	3/31/13	\$768,924	f
44502	PCSRF Technical Assistance FFY09	2009	This project funds the Alaska Sustainable Salmon Fund (AKSSF) program manager and staff to perform AKSSF program oversight, project management, and fiscal management to ensure appropriate use of federal funds on behalf of the State of Alaska.	Division of Community & Regional	PA	2/1/10	6/30/14	\$778,126	Statewide
44506	Kenai Peninsula Fish Passage 2010-2011	2009	This project will restore unimpeded fish passage to 2.61 miles of documented rearing habitat, 0.14 miles of documented spawning habitat, and 3.5 miles of additional mapped streams through the removal of five crossings that are currently barriers to fish passage. Replacement structures will be oversized and embedded culverts or bottomless arch culverts designed using a stream simulation methodology to allow unimpeded passage of juvenile and adult salmonids to adjacent habitats. At one site the existing failing bridge will be replaced with a new bridge.	ADF&G, Sport Fish Division	HP&R	5/1/10	12/31/11	\$259,364	Central (Cook Inlet)
44507	Headwater Stream Rearing Habitat	2009	Headwater streams provide important habitat for juvenile salmon on the lower Kenai Peninsula though their importance is often overlooked. Using improved remote imaging technology, this project will develop tools to better identify important headwater streams and the landscape features that contribute to differences in headwater stream habitat. The project will also measure the ability of alder patches in the watershed to contribute nitrogen-rich nutrients that support aquatic life.	ADF&G, Sport Fish Division Kachemak Bay Research Reserve	RM&E	5/1/10	9/30/12	\$310,866	Central (Cook Inlet)

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44508	Kuskokwim Chum Tagging Effects	2009	This project will compare two handling technique treatments for tagging chum salmon on the Kuskokwim River to determine if one treatment displays faster recovery from tagging and better survival than the other. Identification of an improved method could be utilized in full scale mark-recapture studies to estimate chum salmon abundance. The need for accurate abundance estimates is integral to management of subsistence fisheries on the Kuskokwim River.	ADF&G, Commercial Fisheries Division	RM&E	5/15/10	5/15/11	\$18,782	AYK (Kuskokwim River)
44509	Chignik Inseason Genetics	2009	Two distinct runs of sockeye salmon in the Chignik River watershed (Black Lake early run and Chignik Lake late run) provide a crucial cultural and food resource for five subsistence communities. This project will collect and analyze genetic information both inseason and postseason to determine the run timing through the Chignik River weir of early- and late-run Chignik sockeye salmon. Two years of samples will be processed postseason to examine the stock composition of the run components through time. In the third year, inseason estimates will be made to assess the utility of this data in management of the fishery.	ADF&G, Commercial Fisheries Division	RM&E	6/1/10	6/30/13	\$169,209	Westward (Alaska Peninsula)
44510	Chinook Growth: Retro Analysis	2009	This project will use archived scale samples to develop a time series of freshwater growth in Yukon and Kuskokwim River Chinook salmon (<i>Oncorhynchus tshawytscha</i>) that will be used to assess the effects of freshwater growth on survival to the age of reproduction. Additionally, juvenile Chinook will be reared and monitored in a laboratory to validate the relationships between scale and otolith characteristics and juvenile growth trends and body size. The results will complement a parallel field study of effects of <i>Ichthyophonous</i> to provide insight into the importance of freshwater growth in determining inter-annual fluctuations in the returns of Arctic-Yukon-Kuskowkim (AYK) Chinook salmon stocks.	University of Alaska Fairbanks (UAF) School of Fisheries and Ocean Sciences	RM&E	7/1/10	6/30/12	\$181,060	AYK
44511	Yukon Fall Chum Growth & Climate	2009	Growth of salmon in marine and freshwater habitats is a key factor affecting salmon survival and characteristics such as age-at-maturation. Climate change may have significant effects on salmon growth and survival, and the North Pacific Ocean and the Bering Sea have experienced significant climate shifts in recent decades. This project will reconstruct indices of annual and seasonal growth of Yukon River fall chum salmon for each year from 1964-2009. Growth measurements during the 46-year period will be used to examine relationships among chum salmon growth, survival, and the influence of climate change and pink salmon abundance on growth.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/13	\$141,866	AYK (Yukon River)

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44512	Kvichak Sockeye Sonar Assessment	2009	This project will deploy a side-looking dual frequency identification sonar (DIDSON) on the Kvichak River to provide inriver sockeye salmon abundance estimates for four seasons. The accuracy of the DIDSON's sonar counts will be compared with other counts on the river and operational logistics and costs will be compared with the existing gillnet test fishery to determine if the DIDSON should replace the test fishery. More accurate abundance estimates will assist fishery managers to manage the stock, ensure that escapement goals are met, and that the resource is available for commercial and subsistence users.	ADF&G, Commercial Fisheries Division	RM&E	6/15/10	3/15/04	\$312,500	Central (Bristol Bay)
44513	Campbell Estuary Protection	2009	The Campbell Estuary Protection project will permanently protect 60 acres of critical estuarine habitat for all five species of North Pacific Salmon through the acquisition and conservation of two parcels containing Campbell Creek, Campbell Creek Estuary, and an upland buffer. Great Land Trust will purchase the properties from willing landowners and transfer the fee simple title to the Municipality of Anchorage while retaining a conservation easement. This will ensure that the property will be protected in perpetuity from development.	Alaska Department of Natural Resources (DNR)	HP&R	6/8/10	6/30/11	\$550,000	Central (Cook Inlet)
44514	SC Hydrologic Adjudication Support – Yr. 2	2009	This project will fund a DNR hydrologist for 4.5 months over three years to assist with the hydrologic components of existing and future ADF&G reservation of water applications under the Alaska Water Use Act (AS 46.15) and provide hydrologic technical support to ADF&G for salmon-producing waterbodies in Southcentral Alaska. DNR and ADF&G will also implement a memorandum of agreement to improve processing of water reservations on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous waterbodies in Southcentral Alaska. <i>This project continues work begun in AKSSF project 45909.</i>	Alaska Department of Natural Resources (DNR)	HP&R	7/1/10	6/30/13	\$42,225	Central (Cook Inlet)
44515	High Resolution SNPs for Chinook	2009	The fine-scale genetic structure and migration corridors of Chinook salmon spawning along the Bering Sea coast of western Alaska are poorly understood. Valuable resources for subsistence fisheries, these populations, termed the Western Alaska Coastal group, are caught as bycatch in the Bering Sea fishery in walleye pollock fisheries. This project will use high-density DNA sequencing to discover novel high resolution single nucleotide polymorphisms (SNPs) to more precisely and accurately identify the component drainages of the group.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/12	\$403,150	AYK

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44516	Lower Copper River Chinook Baseline	2009	This project expands the genetic and tissue sample collection for Chinook salmon spawning in the Copper River drainage. Representation of lower Copper River drainage Chinook salmon populations in the baseline is critical for conducting accurate genetic stock identification. Resolution of lower river stocks is currently restricted due to incomplete representation of populations within the Chitina and Tonsina rivers.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/13	\$233,285	Central
44517	West Cook Inlet Chinook Baseline	2009	This project is the first phase of a two-phase plan to develop and apply mixed stock analysis (MSA) to Chinook salmon harvests in Cook Inlet using genetic data. This project expands the baseline of tissue samples and genetic data available for Chinook salmon spawning in the river systems that drain into the western, northeastern, and Knik Arm areas of Cook Inlet.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/13	\$188,693	Central (Cook Inlet)
44518	Nushagak River Chinook Evaluation	2009	This project will use acoustic tags and mapping tools to determine where in the Nushagak River Chinook salmon migrate. This information, in conjunction with sonar estimates, will provide both a more comprehensive Chinook salmon inriver estimate and a recommendation for modifying sonar operations to more accurately assess Chinook salmon escapement.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	3/15/14	\$822,295	Central (Bristol Bay)
44519	Pilot Station Sonar Acoustic Tags	2009	This project will acoustically tag 150 Chinook salmon and 150 chum salmon during each of two operational seasons to determine the physical distribution of adult salmon as they migrate in the Yukon River past the sonar project at Pilot Station. This will allow evaluation of current assumptions about the detectability of Chinook and chum salmon with the shore based sonar, and the availability of these fish to drift gillnets used in species apportionment, ultimately identifying areas to improve current methods.	ADF&G, Commercial Fisheries Division	RM&E	7/1/10	6/30/13	\$657,176	AYK (Lower Yukon River)

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44520	Chignik Mgmt Area Subsistence	2009	This project focuses on the subsistence salmon fisheries in the communities of Chignik Lake, Chignik Bay, Chignik Lagoon, and Perryville. The harvest of subsistence salmon in these communities is influenced by the commercial salmon fishery, as many commercial fishermen are also subsistence harvesters. Since 1990, changes have occurred in the commercial fishery that have influenced subsistence patterns. Using social science research methods, this project will investigate the strategies used by local families to adapt to these changes. This project will provide essential context for interpretation of harvest data and fisheries management decisions.	ADF&G, Subsistence Division	RM&E	5/1/10	6/30/13	\$111,400	Westward
44521	Shared Chum Baseline Development	2009	There is a pressing need to improve and enhance the Bering Sea/North Pacific chum salmon baseline of genetic markers to provide greater resolution in mixed stock genetic analysis (MSA). This project will develop new single nucleotide polymorphism (SNP) markers that focus specifically on delineation of western Alaskan populations (including those from Norton Sound and the lower Yukon and Kuskokwim Rivers) and add microsatellite data for about 19 key populations and SNP data for about 36 populations. This project complements AKSSF project 45165 (700) <i>Shared Chum Salmon Baseline Gap Analysis</i> which funds a gap analysis to identify deficiencies in the genetic sample locations, sample sizes, and sample quality for Bering Sea/North Pacific chum salmon populations and adds missing SNP and microsatellite data for 10-12 key populations.	School of Fisheries and Ocean Sciences (SFOS), UAF NMFS, Auke Bay Laboratories (ABL)	RM&E	9/1/10	9/30/12	\$330,054	AYK
44522	SNP Panels for Chinook Salmon	2009	This project will screen 288 single nucleotide polymorphisms (SNPs) to improve genetic stock identification in the Arctic-Yukon-Kuskokwim (AYK) region. This large SNP set will enable the use of linked SNPs, an approach that reveals clear population differences not otherwise apparent. Additionally, this large SNP set will enable individual panels that may be enriched with high-resolution outlier SNPs that have discriminating power specific to problem identification within Norton Sound, the Yukon, Kuskokwim, and Nushagak River drainages, as well as in the Bering Sea bycatch.	School of Aquatic and Fishery Sciences (SAFS) University of Washington	RM&E	9/1/10	13/31/12	\$207,428	AYK

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44523	Mat-Su Instream Flow Protection Yr 3	2009	This project will collect and analyze the hydrological data necessary to protect instream flows in two reaches of Meadow Creek and two reaches of Fish Creek that are important to the production of salmon in the Matanuska-Susitna Basin (Mat-Su). These streams are deemed a high priority for salmon habitat protection by ADF&G, the Alaska Clean Water Actions Program (ACWA), and the Mat-Su Basin Salmon Conservation Partnership. <i>This project continues work begun in AKSSF project 45868 and 45891.</i>	ADF&G, Division of Sport Fish – RTS	RM&E	10/1/10	6/30/12	\$53,310	Central (Cook Inlet)
44524	Protecting Salmon from RCG - Ph 3	2009	This project will continue Kenai Watershed Forum's efforts to control invasive reed canary grass (RCG) along waterways on Alaska's Kenai Peninsula. Efforts will consist of monitoring and physical removal of RCG on the Kenai River, Beaver Creek, Slikok Creek, and Johnson Lake, as well as initiating the process to obtain permits for targeted herbicide application. Removing RCG that is detrimentally affecting stream morphology and water quality will restore salmon habitat and prevent the spread of RCG to healthy salmon habitat. This project continues work begun in AKSSF projects 45860 and 45917.	Kenai Watershed Forum (KWF)	HP&R	4/1/11	11/30/13	\$134,876	Central (Cook Inlet)
44525	Pasagshak Escapement Monitoring	2009	The Pasagshak River, located on the Kodiak road system, supports the largest sockeye salmon subsistence fishery for Kodiak Island residents. Current escapement enumeration methods provide only postseason estimates via aerial and foot surveys of the spawning grounds, making inseason management impossible and refinement of an escapement goal for this stock problematic. This project will construct a conventional aluminum picket weir near the outlet of Lake Rose Tead at the outlet of the Pasagshak River on Kodiak Island to provide timely and accurate escapement information, enabling inseason management adjustments and more precise evaluation of the escapement goal to maintain the sustainability of this important subsistence salmon run.	ADF&G, Commercial Fisheries Division	RM&E	4/1/11	11/30/13	\$237,521	Westward (Kodiak)
44526	Chena River Chinook Escapement - Ph.2	2009	This project will estimate Chinook salmon escapement on the Chena River using a combination of tower and dual-frequency identification sonar (DIDSON) counts. This project will also estimate the age, sex, and length (ASL) composition of the Chinook escapement from spawned-out carcasses. Accurate escapement estimates are necessary to manage the stock and ensure a continued subsistence fishery. This project continues work begun in AKSSF project 45735.	ADF&G, Sport Fish Division	RM&E	6/1/11	11/30/13	\$208,257	AYK (Upper Yukon River)

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44527	Rapids Student Data Collection - 2011-2013	2009	This project will collect Chinook salmon sex, length, weight, and girth data (SLWG) and Ichthyophonus disease prevalence data from salmon caught in subsistence fisheries near Rampart Rapids (Rapids). This information will provide baseline data for future use by fishery managers. In addition, genetic tissue sampling will be conducted to help managers reconstruct the Canadian component of the run, and a visual inspection of changing flesh color and fat content in chum salmon will help develop a fall chum arrival date in the mid and upper Yukon River. This project continues work begun in AKSSF project 45124 (700).	Rapids Student Data Collection - 2011-2013	RM&E	5/15/11	11/30/13	\$59,657	AYK (Upper Yukon River)
44528	Karluk Lake Limnology	2009	This project will continue collection and evaluation of high-resolution spatial and temporal data on abiotic and biotic water quality components of freshwater habitats that affect the distribution and production of wild juvenile sockeye and Chinook salmon in Karluk Lake. Using spatial data models, this information will allow the detection and evaluation of the effects of changing climatic and rearing conditions that influence the productivity and maintenance of these important subsistence stocks. <i>This project continues work begun in AKSSF projects 45854 and 45884 .</i>	ADF&G, Division of Commercial Fisheries	RM&E	7/1/11	11/30/13	\$93,988	Westward
44529	Mat-Su Stormwater Assessment	2009	This project continues work designed to protect Wasilla Creek, Cottonwood Creek, and Little Meadow Creek from the effects of urbanization on water quality and fish habitat. All three creeks are important for salmon spawning and rearing: Wasilla Creek supports coho, Chinook, and chum salmon, and both Cottonwood Creek and Little Meadow Creek are lake-stream systems important for the spawning and rearing of sockeye and coho salmon. This project will investigate where polluted stormwater impacts are occurring in target waters, the degree and extent of these impacts, what pollutants are of most concern, and what the effects are to fish habitat. This information is critical to understanding the impacts of pollutants transported by urban stormwater runoff on these salmon streams and to assist resource managers in making effective and targeted decisions to protect these habitats.	DEC, Water Quality Standards, Assessment and Restoration	P&A	7/1/11	6/30/13	\$141,439	Central (Cook Inlet)
44531	Genetic Diversity SW Kodiak Sockeye	2009	This project will estimate and evaluate genetic variation within and among sockeye salmon populations from southwest Kodiak Island. Specifically, the relative influence of various factors on genetic diversity will be evaluated including lake of origin, spawning habitat, spawning time, spatial isolation, and stocking history (Frazer Lake). This project will also evaluate the stock composition of sockeye returning to the Frazer Lake and Ayakulik River drainages. The genetic data from this project will expand the sockeye salmon genetic baseline used by ADF&G. This baseline will be available to determine stock compositions of state-managed fisheries so that ADF&G can manage on the sustained-yield basis.	USFWS, Conservation Genetics Laboratory and ADF&G, Gene Conservation Laboratory	RM&E	7/1/11	6/1/13	\$241,920	Westward (Kodiak)

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44530	Stream Bank Restoration, Fairbanks Cost Share – Ph.2	2009	This project provides funding and technical project design assistance to sustain and enhance valuable salmon habitat in the Fairbanks area through a financial incentive program directed towards public land managers and private landowners. ADF&G will partner with the United States Fish and Wildlife Service (USFWS), nonprofit organizations, local governments, and landowners to conduct projects to rehabilitate and sustain salmon habitat over a three year period, providing technical planning and permitting assistance as needed. <i>This project continues work begun in AKSSF projects 45879 and 45887.</i>	ADF&G, Division of Sport Fish – RTS	HP&R	7/1/11	11/30/13	\$169,022	AYK (Upper Yukon River)
44545	Documenting Anadromous Waters N SEAK	2009	ADF&G uses the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes and its companion Atlas, known as the Anadromous Waters Catalog (AWC), to list water bodies considered important for use by anadromous fish. This project will conduct on-the-ground fieldwork necessary to correct the inaccuracies of the AWC in the alignment and fish use extent of most water bodies listed for Juneau, Haines, and Sitka. A water body listed in the AWC is afforded protection under State law.	ADF&G, Division of Sport Fish – RTS	RM&E	5/1/10	6/30/13	\$224,805	Southeast
44546	SE Hydro Adjudication Support – Yr 5	2009	This project will fund a DNR hydrologist for 4.5 months over three years to assist with the hydrologic components of existing and future ADF&G reservation of water applications under the Alaska Water Use Act (AS 46.15) and provide hydrologic technical support to ADF&G for salmon-producing waterbodies in Southeast Alaska. DNR and ADF&G will also implement a memorandum of agreement to improve processing of water reservations on a timely basis and provide hydrologic assistance for water quantity and quality issues related to anadromous waterbodies in Southeast Alaska. <i>This project continues work begun in AKSSF projects 45626, 45765, 45826, and 45960.</i>	Alaska Department of Natural Resources (DNR)	HP&R	7/1/2010	6/30/13	\$42,225	Southeast
44547	SE Subsistence Sockeye Assessment Ph.6	2009	This project will continue to assess and measure the breeding stock size of Kanalku Lake, one of the most heavily utilized sockeye salmon runs in Southeast Alaska. The goal of this assessment is to increase the amount and quality of information available to fishery managers. The project will also compile, maintain, and distribute information from databases, published reports, and other sources pertinent to all sockeye salmon stocks and fisheries in Southeast Alaska in support of management and conservation of these salmon resources. <i>This project continues work begun in AKSSF projects 45305, 45437, 45772, 45833, and 45961.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/2010	3/31/14	\$186,500	Southeast

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44548	SE AK Chinook Port Sampling – Pt 5	2009	Significant numbers of both hatchery and wild stock Chinook salmon have coded-wire-tags (CWTs) inserted into their heads before they are released from hatcheries or as they migrate to sea. This project will inspect landings of Chinook salmon for missing adipose fins (denoting the presence of a tag) and the heads of any marked fish will be collected and the tags decoded by ADF&G staff; genetic samples will also be collected and archived, and matching scale samples will be collected and processed at the ADF&G Douglas office. These tags, together with associated data collected by ADF&G port samplers, will allow managers to estimate the number and proportion that each hatchery or tagged wild stock contributes to Southeast Alaska fisheries. <i>This project continues work begun in AKSSF projects 45219, 45481, 45704, and 45324.</i>	ADF&G, Commercial Fisheries Division	RM&E	7/1/2010	10/31/13	\$241,587	Southeast
44549	SE AK Marine Harvest Monitoring	2009	Harvest and relative contributions of Chinook salmon stocks listed under the Endangered Species Act (ESA) in Ketchikan, Craig, and Sitka marine sport fisheries will be estimated in 2010, 2011, and 2012.	ADF&G, Sport Fish Division	RM&E	7/1/2010	12/31/12	\$497,950	Southeast
44550	Climate Change and Hydrology	2009	This project will develop a set of spatially-explicit tools for assessing the effects of climate change (i.e., estimated changes in temperature and precipitation) on specific hydrologic patterns important for reproduction and survival of salmon (e.g., patterns of streamflow). Investigators will use historic data on temperature, precipitation, and physical watershed characteristics to model current patterns of streamflow and will apply these relationships to predict future patterns under a range of projected climate scenarios. The final product will help resource managers assess watershed-specific vulnerability and develop potential monitoring and adaptation strategies.	The Nature Conservancy (TNC)	P&A	4/1/11	3/31/13	\$72,411	Southeast
44551	SE AK Chinook Mgmt Support	2009	This project supports key, experienced personnel involved with the conservation and management of Chinook salmon under provisions of the Pacific Salmon Treaty (PST) including two non-permanent, part time employees of ADF&G and one contractor. The individuals funded under this project are members of the Pacific Salmon Commission (PSC) Chinook Technical Committee (CTC) which is responsible for managing data and providing the technical analysis and expertise for sustainable management of Chinook stocks in the coast wide (Oregon to Alaska) PST area. Their work within the PST process benefits Chinook salmon stocks listed under the Endangered Species Act (ESA) that are harvested incidentally in Southeast Alaska salmon fisheries.	ADF&G, Office of the Commissioner	EN	12/19/11	11/30/13	\$63,402	Southeast

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44602	PCSRF Technical Assistance FFY10	2010	This project funds the Alaska Sustainable Salmon Fund (AKSSF) program manager and staff to perform AKSSF program oversight, project management, and fiscal management to ensure appropriate use of federal funds on behalf of the State of Alaska.	ADF&G, Commercial Fisheries Division	PA	2/1/10	6/30/15	\$291,777	Statewide
44606	Yukon River Juvenile Chinook Survey	2010	Yukon River Chinook salmon is one of the key salmon stocks supporting Alaskan and Canadian subsistence fisheries, but recent declines in Chinook salmon returns to the Yukon River have resulted in restricted subsistence harvests. Sources of recent production declines are unclear and emphasize the need for additional information on the production dynamics of Yukon River Chinook salmon. This project will assess the status of juvenile Yukon River Chinook salmon during their first summer at sea and identify how juveniles are linked to the Bering Sea ecosystem through trawl and acoustic surveys, stock composition analyses, and nutritional status evaluation. These data will reduce uncertainty in the production dynamics, thereby benefitting the management of this important subsistence fishery.	National Marine Fisheries Service (NMFS), ABL, TSMRI	RM&E	4/1/11	10/30/13	\$242,215	AYK
44607	ADNR RCS - Kenai Peninsula	2010	The Alaska Department of Natural Resources, Division of Forestry (DNR-DOF), will inventory all non-federal forest roads on the Kenai Peninsula by using GIS, satellite or low altitude imagery, and field surveys. The ground survey work will examine the 370 mile road system by foot, ATV, or passenger vehicle (if road is passable) with the assistance of ADF&G, Division of Habitat. The field surveys will review compliance with the Alaska Forest Practices and Resources Act (FRPA), survey all crossing structures, and perform detailed surveys on crossing structures requiring fish passage. A graphic and tabular data set will be generated that will show the best management practices and their compliance with FRPA regarding the road system and all crossing structures, with all sub-standard crossing structures or road systems (impeding fish passage) flagged for further attention.	Alaska Department of Natural Resources, Division of Forestry	P&A	4/1/11	11/30/13	\$155,132	Central (Cook Inlet)

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Project Number	Project Title	FFY	Project Description	Agency/Organization	PCSRF Objective	Start Date	End Date	Total AKSSF Funds	Location
44608	Mat-Su Salmon Habitat Management	2010	This project will conduct comprehensive species-specific surveys along the Knik River, Moose Creek, Kroto Creek, and Trapper Creek to identify, establish management plans, control, and monitor invasive plant species that impact salmon habitat and compromise salmon reproduction. Specific invasive plant species identified as deleterious to the above salmon habitats, including reed canary grass (<i>Phalaris arundinacea</i>) and white sweet clover (<i>Melilotus alba</i>), will be controlled and prevented.	Palmer Soil and Water Conservation District (PSWCD)	HP&R	4/1/11	11/30/13	\$312,320	Central
44609	Developing Tools to Assess Pike Control	2010	The proliferation of introduced northern pike in central Alaska is an urgent fishery management concern because pike are voracious predators that prey heavily on juvenile salmonids. Eradication of pike may not be possible in connected freshwater networks, so managers must develop control methods to reduce pike populations to less destructive numbers. This project will use a field and modeling approach to develop quantitative tools that will allow managers to (1) characterize the impact of pike predation on salmonid productivity, (2) prioritize habitats that need pike control, and (3) assess the effectiveness of pike control efforts on salmonid productivity. This project will be tightly linked to concurrent ADF&G pike removal efforts.	U.S. Geological Survey (USGS), North Rocky Mountain Science Center	RM&E	4/1/11	11/30/13	\$276,333	Central (Cook Inlet)
44610	Video Monitoring Escapement Sinuk	2010	This project tests the feasibility of operating a remote video system to monitor salmon escapement in the Sinuk River in northern Norton Sound. Following the design of other remote video systems used around the state, an underwater camera will be deployed to record images of salmon passing through a weir; those images will be enumerated and compared to weir counts to evaluate accuracy. Data from this project will be used in concert with other escapement estimates to manage subsistence salmon harvests within the Nome Subdistrict.	ADF&G, Commercial Fisheries Division	RM&E	4/1/11	12/15/11	\$70,010	AYK (Norton Sound)

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44611	Chignik Escapement Enumeration	2010	Current salmon escapement is monitored at the Chignik weir through August 31, after which a model is used to estimate September sockeye salmon escapement based on extrapolation from August escapement counts. These post-weir models have never been validated with actual counts in September, nor is there information on the structure of the coho salmon run, which is also an important subsistence resource. This project will estimate the escapement of late-run sockeye and coho salmon with a dual-frequency identification sonar (DIDSON), collect ASL data, and use this information to evaluate current models of September escapement; this data will assist fisheries managers maintain the sustainability of these important subsistence runs.	ADF&G, Commercial Fisheries Division	RM&E	4/1/11	10/31/13	\$251,516	Westward (Alaska Peninsula)
44612	Kenai Cost Share Project – Phase 2	2010	This project provides funding and technical project design assistance to sustain and enhance valuable salmon habitat on the Kenai Peninsula through a financial incentive program directed towards public land managers and private landowners. ADF&G will partner with the United States Fish and Wildlife Service (USFWS), nonprofit organizations, local governments, and landowners to conduct projects to rehabilitate and sustain salmon habitat over a three year period, providing technical planning and permitting assistance as needed. This project continues work begun in AKSSF projects 45522, 45880, and 45886.	ADF&G, Sport Fish Division	HP&R	4/1/11	11/30/13	\$406,021	Central (Cook Inlet)
44613	Use of Water Guns to Control Northern Pike	2010	This project will test new methods for controlling invasive northern pike populations in central Alaska utilizing sound pressure generated with a water gun. A dose response to various sound energy levels on fish survival will be tested along with the utility of using sound to divert pike into gillnets. Additional pike eradication and control methodologies will also be explored.	U.S. Geological Survey	RM&E	4/4/11	6/30/13	\$383,285	Central (Cook Inlet)

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44614	Unalakleet Salmon Productivity	2010	This project will investigate how Chinook and coho salmon in the Unalakleet River drainage are influenced by inter-specific competition between rearing Chinook and coho salmon and by escapements of all salmon species in the drainage. Biologists from private, state, and federal agencies have hypothesized that pink and chum salmon may be benefitting coho salmon in the form of marine-derived nutrients (MDN) and that coho salmon may, in turn, be competing with Chinook salmon in the Unalakleet River. This project will 1) estimate the productivity and condition of Chinook and coho salmon smolt migrating from the Unalakleet River drainage, and 2) measure their diet content, marine-nutrient uptake, and relative density. A series of hypotheses will serve as the framework for interpreting how correlative relationships between estimated smolt production and escapement estimates of all salmon species are supported by estimates of smolt and parr condition, diet composition, marine-nutrient uptake, and relative density and distribution. Results from this study will ultimately be used to improve forecasting models for both Chinook and coho salmon.	ADF&G, Sport Fish Division	RM&E	4/1/11	11/30/13	\$312,394	AYK (Norton Sound)
44615	Mat-Su Cost Share – Phase 2	2010	This project provides funding and technical project design assistance to sustain and enhance valuable salmon habitat in the Matanuska-Susitna Basin through a financial incentive program directed towards public land managers and private landowners. ADF&G will partner with the United States Fish and Wildlife Service (USFWS), nonprofit organizations, local governments, and landowners to conduct projects to rehabilitate and sustain salmon habitat over a three year period, providing technical planning and permitting assistance as needed. <i>This project continues work begun in AKSSF projects 45855 and 45856.</i>	ADF&G, Sport Fish Division	HP&R	7/1/11	11/30/13	\$237,818	Central (Cook Inlet)
44616	Karluk Sockeye Smolt	2010	Karluk Lake is located on the southwest side of Kodiak Island and supports the largest sockeye salmon run in the Kodiak Management Area. Sockeye salmon smolt studies have been conducted sporadically on Karluk Lake since 1961. This project reinstitutes a multi-year Karluk Lake sockeye salmon smolt program to estimate the size and condition of outmigrating smolt; in addition, individual smolt will be collected on an annual basis for isotope analysis. This information will help develop forecasting models for Karluk Lake sockeye salmon to ensure the sustainability of this important subsistence resource.	ADF&G, Commercial Fisheries Division	RM&E	5/1/11	11/30/13	\$79,587	Westward (Kodiak)

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44617	Invasive Northern Pike Suppression	2010	Northern pike is an invasive predatory fish in central Alaska that is responsible for the loss of several fisheries across the region. Alexander Creek in the Susitna River basin is one of the most heavily impacted systems. This project will attempt to restore the quality of salmon rearing habitat in Alexander Creek by annually reducing the number of northern pike spawners in its slow backwaters. Reducing the density of northern pike will increase salmon production in this system by reducing the mortality rate of juvenile salmon. Research will also be conducted to better understand movement patterns of northern pike in Alexander Creek and to evaluate the success of the suppression effort in order to inform and enhance pike suppression efforts.	ADF&G, Sport Fish Division	HP&R	4/1/11	11/30/13	\$609,391	Central (Cook Inlet)
44618	Stream Bank Restoration - Anchorage Cost Share	2010	This project provides funding and technical project design assistance to sustain and enhance valuable salmon habitat in the Anchorage area through a financial incentive program directed towards public land managers and private landowners. ADF&G will partner with the United States Fish and Wildlife Service (USFWS), nonprofit organizations, local governments, and landowners to conduct projects to rehabilitate and sustain salmon habitat over a three year period, providing technical planning and permitting assistance as needed. <i>This project continues work begun in AKSSF project 45886.</i>	ADF&G, Sport Fish Division	HP&R	7/1/11	11/30/13	\$119,851	Central (Cook Inlet)
44619	Yukon Juvenile Chum Stock Analysis	2010	This project will use genetic analysis to investigate the stock composition of juvenile chum salmon collected on the northeastern Bering Sea shelf. The results will be used to determine the stock contribution of juvenile chum salmon, compare the distribution across years, determine the relative percentage of juvenile summer and fall Yukon River chum salmon in the northeastern Bering Sea, and relate the relative estimated proportions of summer- and fall-run juveniles to adult Yukon River returns. Information gathered through this project is vital to understanding chum salmon ocean life history, whether juvenile relative abundance indices can be developed for understanding ocean and river mortality, and in developing future forecasting models. These models will assist with management of the Yukon River chum stocks to help aid subsistence fishing opportunities.	NMFS, Auke Bay Laboratories	RM&E	7/1/11	11/30/13	\$100,000	AYK (Lower Yukon)

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44620	Northern Cook Inlet Chinook Weirs	2010	In October 2010, ADF&G recommended six of the 27 Northern Cook Inlet (NCI) Chinook stocks as Stocks of Concern (SOCs) to the Alaska Board of Fisheries (BOF) because of declining runs that were failing to meet escapement goals. These stocks are assessed annually by a single aerial survey conducted in mid-July, but the run timing and inriver abundance of these stocks is unknown. This project will establish weirs on two NCI rivers to enumerate the entire run of two SOC stocks; the resulting data will improve knowledge of run strength, annual variability, and whether the current single aerial surveys reliably monitor trends in escapement.	ADF&G, Sport Fish Division	RM&E	4/1/11	11/30/14	\$301,103	Central (Cook Inlet)
44621	Chignik and Black Lake Habitat Decline	2010	Chignik and Black Lakes support sockeye salmon stocks used in subsistence fisheries. Using historical collections of adult sockeye salmon scales, this project will reconstruct a time series of sockeye growth in Black and Chignik lakes since the early 1960s in order to evaluate the response of sockeye salmon growth and productivity to changes in habitat and to examine the magnitude of size-dependent mortality at sea in relation to ocean conditions. This information will help fisheries managers assess the capacity of the lake system to support sockeye salmon and to adjust escapement goals as needed.	Natural Resources Consultants, Inc. (NRC) ADF&G, Commercial Fisheries Division	RM&E	7/1/11	11/30/13	\$183,734	Central
44622	Gulkana River Chinook Escapement	2010	Gulkana River Chinook and sockeye salmon stocks support subsistence fisheries in the mainstem of the Copper River. This project will estimate daily passage of Chinook and sockeye salmon migrating in the mainstem Gulkana River by visually counting fish as they pass over white fabric panels located on the river bottom. The resulting data will provide three additional annual estimates of Chinook salmon escapement for one of the major spawning systems in the Copper River drainage, continuing a data set that currently spans nine years and facilitating inseason management.	ADF&G, Sport Fish Division	RM&E	7/1/11	11/30/13	\$221,239	Central