

2-17-09

Overviews:

Alaska

Department of

Fish and Game

Subsistence and

Habitat

Divisions

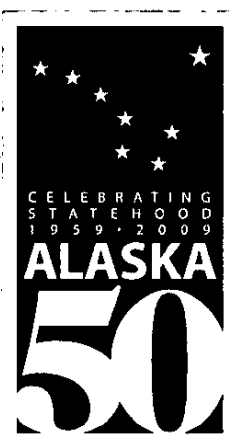
<target><bill></bill><subject>2-17-09 Overviews Alaska
Department of Fish and Game Subsistence and Habitat
Divisions</subject><comm>HFSH26</comm></target>

Core Services

- Review applications and issue permits for activities in anadromous waterbodies and fish-bearing waters and legislatively designated Special Areas (Title 16); provide expertise to protect important fish and wildlife habitat; monitor authorized projects and conduct compliance actions.
- Maintain and revise the Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes.
- Manage Alaska's Special Areas in accordance with legislative guidelines; prepare and update management plans for these areas.
- Review proposed timber harvest activities; conduct field inspections; work cooperatively with timber operators and other governmental agencies.
- Review development projects (e.g., oil and gas, hard-rock mining, roads, T16 elements of hydropower projects) authorized under other agencies' authorities.
- Conduct applied research to develop methods and means to minimize impacts of development projects on fish and wildlife resources.



Habitat Division Management Staff



ADF&G Funding & Staffing (millions) FY09

General Fund	\$2,893.1
Other State Funds	\$1,474.9
TOTALS	\$4,368.0
Personnel	
Full Time	45
Part Time	2

ADF&G administers all programs and activities in compliance with state and federal civil rights and equal opportunity laws. Obtain the full ADF&G and Americans with Disabilities Act and Office of Equal Opportunity statement online at www.adfg.state.ak.us or from the



2008 OVERVIEW

Division of Habitat * Kerry Howard, Director
1255 W. 8th Street * P.O. Box 115526
Juneau, AK 99811-5526
907-465-1852 * www.habitat.adfg.alaska.gov

MISSION: To protect Alaska's valuable fish and wildlife resources and their habitats as Alaska's population and economy continue to expand.

Message from the Director

2008 was a year of change for the Division. We successfully implemented Executive Order 114, which moved the Office of Habitat Management and Permitting from the Department of Natural Resources back to the Department of Fish and Game, as the new Habitat Division. Implementation actions included assumption of new planning and permitting duties, integration of new staff, organizational staffing changes, and physical office moves, among others.



Kerry Howard, Director

We also successfully updated the Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes—the fifth consecutive year this action has been achieved. The critically important Catalog forms the legal basis for implementation of ADF&G's Fish Habitat permitting program, which ensures the proper protection of anadromous fish and their habitat. In cooperation with the Sport Fish Division, we also substantially upgraded the quality of the maps.

(continued inside)

(continued from front page)

In conjunction with the DNR Large Projects Team, we worked on a variety of complex projects of importance to the State. Recent work included: review of baseline study plans and/or applications for the Chuitna Coal Project, Pebble Prospect, Galore Creek, Tulsequah Chief, and the Donlin Prospect; biomonitoring and expansion plans at Ft. Knox and Red Dog (Aqqaluk); and monitoring and oversight of Kensington, Greens Creek, and Rock Creek.

In addition to these large projects, we also participated in the review, development, and/or permitting of other projects of Statewide or regional significant, including: planned development of a riparian management plan for the North Star Borough; oversight of the Trans-Alaska Pipeline System; a restoration plan agreement for the perched Coal Creek culvert; with DEC, remediation of acid rock draining on the Coffman Creek Road project; and work on the Ketchikan Airport Runway Safety Area, Petersburg Airport Improvements, and the South Mirkof Highway upgrade projects.



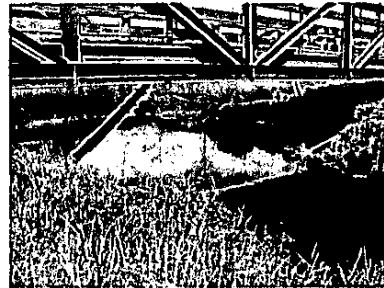
Biologist work with industry to identify fish streams

Over the last few years, with the Division of Forestry, we also surveyed 844 miles of State and private forest roads in southeast Alaska to evaluate implementation of the State's Forest Resources and Practices Act (FRPA). Thousands of waterbars were inventoried and 93

fish culverts surveyed to assess water, fish passage, and fish habitat. Rigorous field monitoring allows the appraisal of best management practices and compliance with FRPA.

Finally, the total number of fish habitat permit applications we review continues to increase. The number of permits reviewed in FY 2008 (3493) is more than double the number in FY 2004 (1597). Habitat continues to consistently achieve a high level of habitat protection, simultaneous with increased permit activity.

Habitat welcomes being back at ADF&G, and with a staff of seasoned veterans and enthusiastic recruits, we look forward to continuing our tradition of important work and contributions to help maintain the State's fish and wildlife resources and habitats.



Tidewater Slough multi-use bridge, Girdwood, AK

Anadromous and Resident Fish Habitat

Habitat has the specific statutory responsibility for protecting freshwater anadromous fish habitat and providing free passage for anadromous and resident fish in freshwater bodies (AS 16.05.841-871). Habitat fulfills this responsibility by writing Fish Habitat Permits for activities and projects conducted by private individuals or other state or federal government agencies below the ordinary high water of anadromous streams. Habitat biologists conduct research and field surveys, review plans with permit applicants to permit a project that does not adversely impact fish habitat, and monitor projects for compliance with permit standards.

In addition to permitting duties, Habitat coordinates with other divisions and agencies during plan reviews to provide expertise for protecting both important fish and wildlife habitat throughout the state.



Dam Construction

Special Areas

Habitat also has statutory responsibility to authorize management plans and to oversee land and water use activities (excluding trapping, hunting and fishing) in refuges, critical habitat areas, and sanctuaries, collectively known as Special Areas (AS 16.20). Habitat provides authorization for land and water use activities in the form of a Special Area Permit for activities including construction or placement of structures, natural resource development or energy exploration, and off-road use of wheeled and tracked equipment.



McNeil River State Game Sanctuary

ADF&G Division of Subsistence

Presented by Craig Fleener,
Director, February 2009



Pauline Ramoth's camp, Selawik, 2003.

Beginnings

- 1978 creation by statute AS 16.05.090
 - 1981 governor conferred full division status.
 - Preceded 1980 ANILCA in part so the state could retain management authority over all lands.
 - Duties (7) are found in AS 16.05.094.
- 1980 federal passage of ANILCA.
 - Rural residents given priority.
 - 1989 Alaska Supreme Court ruled this a violation of Alaska Constitution.





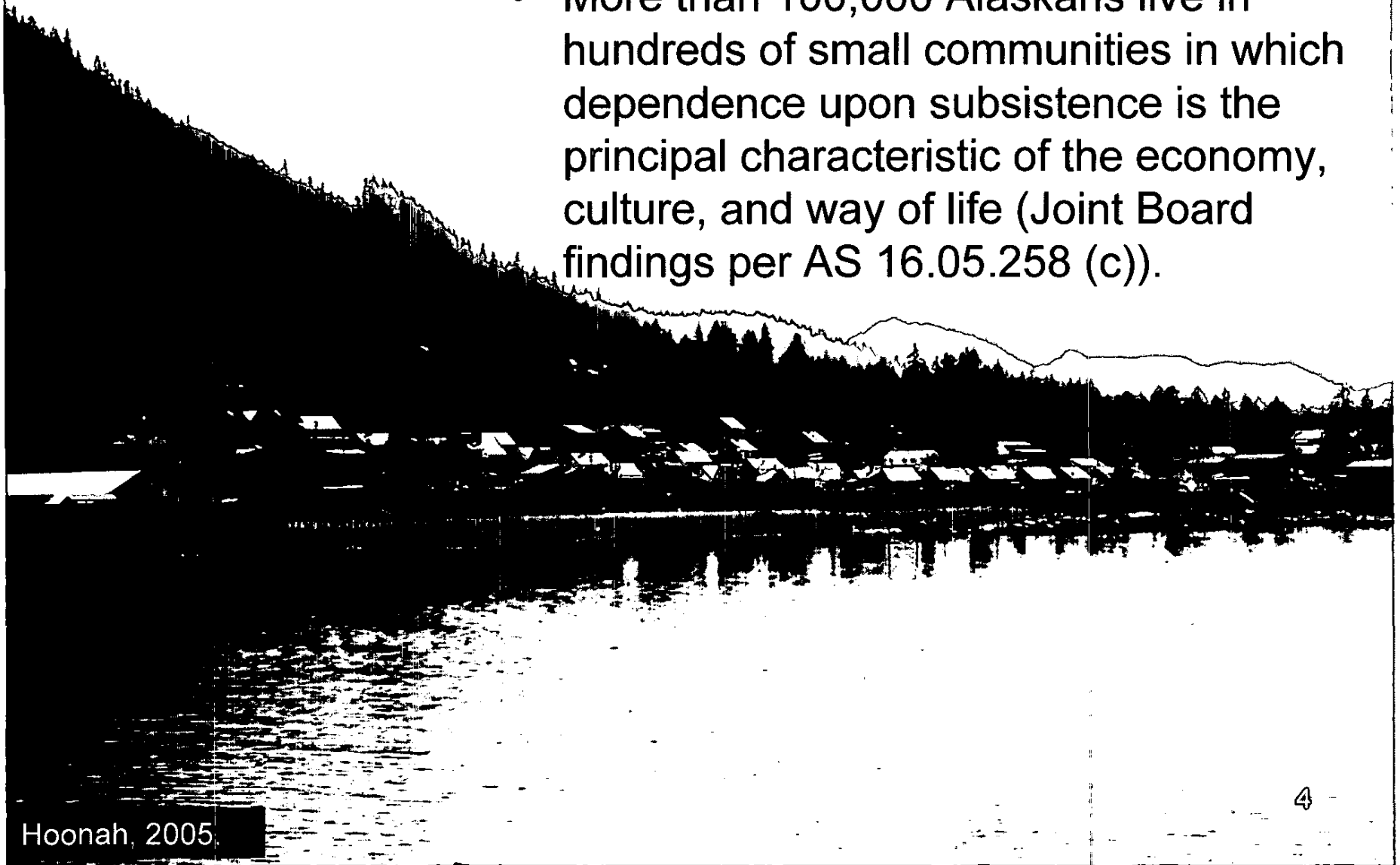
Beginnings, continued

- AS 16.05.258 Subsistence use and allocation of fish and game.
 - 1986 passage.
 - Boards identify stocks customarily and traditionally taken or used for subsistence (C&T).
 - Boards identify amounts reasonably necessary for subsistence (ANS).
 - Joint Boards identify nonsubsistence areas.

Teaching the next generation to cut fish, Newhalen, June 2007.

Alaskan Way of Life

- More than 100,000 Alaskans live in hundreds of small communities in which dependence upon subsistence is the principal characteristic of the economy, culture, and way of life (Joint Board findings per AS 16.05.258 (c)).



Hoonah, 2005

Alaskan Economic System



Bessie Custer and
Nellie Greist cutting
whitefish, Shungnak,
fall 2003.

- Mixed subsistence-market economy
 - High levels of wild food production for families and communities.
 - Small scale efficient harvesting (self-limiting).
 - Cash pays for subsistence technologies.
 - Extensive sharing of harvested food.

Division Mission

To scientifically quantify, evaluate, and report information about customary and traditional uses of Alaska's fish and wildlife uses.

- Human dimensions research using systematic methods, analysis, and reporting.
- High ethical standards include adherence to tribal consultation policies, extensive community involvement, and confidentiality.



Checking a set gillnet,
Selawik, 2002.

Subsistence Fishing AS 16.05.940 (31)



Whitefish camp, Shungnak, 2002.

“Subsistence fishing” means the taking of, fishing for, or possession of fish, shellfish, or other fisheries resources by a resident domiciled in a rural area of the state for subsistence uses with gill net, seine, fish wheel, long line, or other means defined by the Board of Fisheries.



Subsistence Hunting AS 16.05.940 (32)

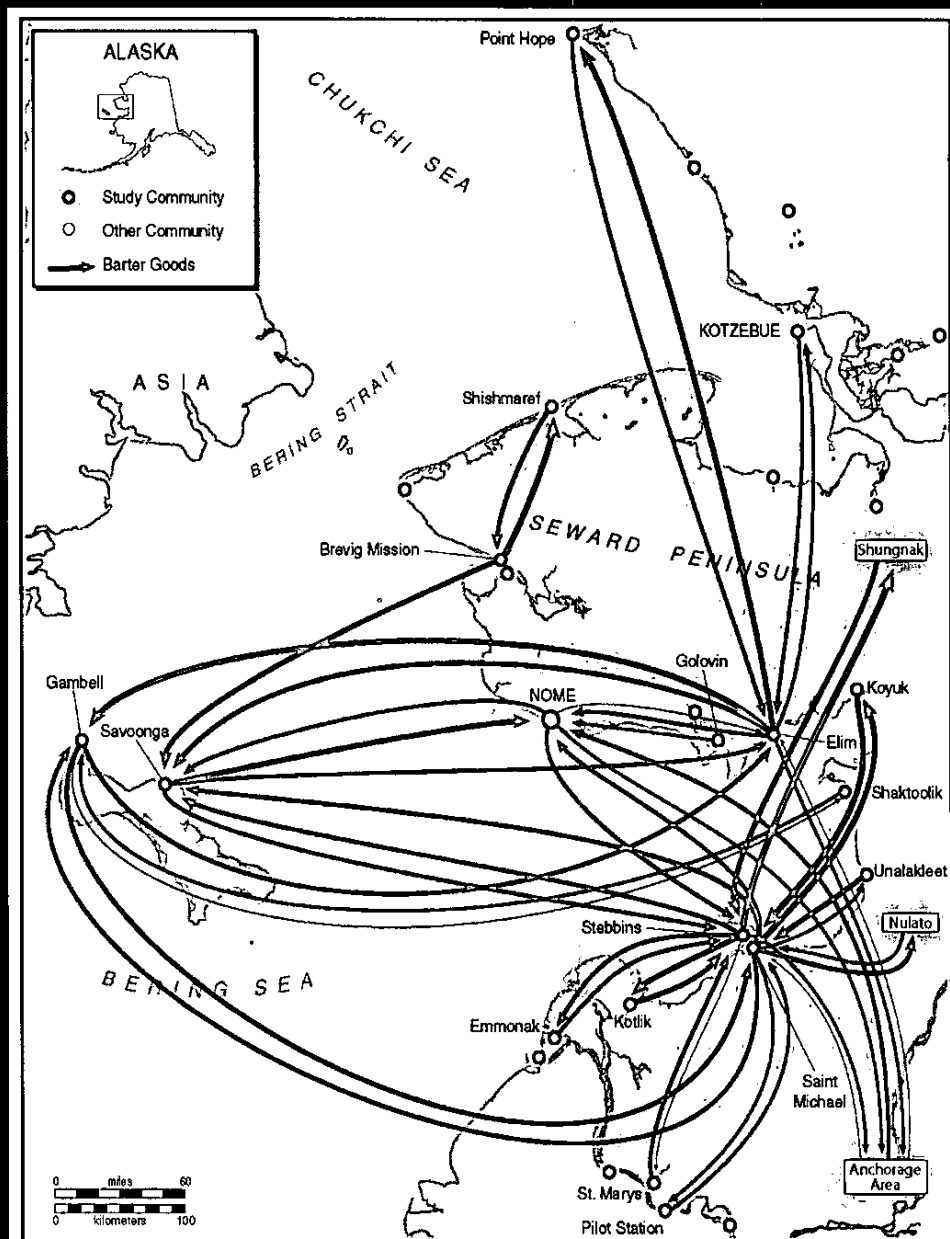
“Subsistence hunting” means the taking of, hunting for, or possession of game by a resident domiciled in a rural area of the state for subsistence uses by means defined by the Board of Game.

Setting a trap,
Lake Minchumina, 2004.

Subsistence Uses AS 16.05.940 (33)

“Subsistence uses” means the noncommercial, customary and traditional uses of wild, renewable resources by a resident domiciled in a rural area of the state for direct personal or family consumption as food, shelter, fuel, clothing, tools, or transportation ... for handicraft articles ... and for the customary trade, barter, or sharing for personal or family consumption ...

Exchange of subsistence foods in Northwest Alaska.
(Magdanz et al. 2007)



Division Core Services



Drying redfish (spawned-out sockeye salmon) Newhalen, October 2007.

Research, quantify, and provide resulting information to the public about customary and traditional uses by Alaskans of fish and wildlife resources.

Provide scientifically-based information for fisheries and wildlife management programs and to the Alaska Board of Fisheries and Alaska Board of Game for their use in evaluating reasonable opportunities for customary and traditional uses.

Measure – Compile & analyze existing data; conduct research on subsistence hunting and fishing

Target: conduct a minimum 5 studies in at least 3 of 6 regions.



Joel Saccheus (local research assistant) and Sandra Tahbone (partner agency Kawerak) conduct an interview in Elim, 2003.

- For 21 communities, FY08 surveys gathered updated harvest information.
- Targets were exceeded in 2 of 6 regions, below overall target.

Expensive - Not much funding for such surveys in last 10 years

Measure – Publish current subsistence use information

Target: produce scientific reports, related updates, and materials for the general public.

Contacts Licenses/Permits Regulations News Publications **Fish & Game** (find)

Alaska Department of Fish & Game
Subsistence

Arctic Interior Southcentral Southeast Southwest Western

Highlights

- Summary of Subsistence Harvests of Pacific Halibut in Alaska, 2006
- Subsistence harvests of Pacific halibut in Alaska, 2006 (full report)

General Information

- Alaska's Subsistence Fisheries
- General Information
- Frequently Asked Questions
- Mission Statement

Publications

- Subsistence Technical Papers
- Articles and Presentations
- Community Profile Database
- Community Subsistence Information System
- ADF&G Writers Guide

State Subsistence

- Missions and Measures

Regional Information

Regulations & Permits

- NOAA/NMFS Subsistence Halibut Fishing in Alaska
- Subsistence Fishing
- Subsistence Hunting and Trapping
- Alaska Board of Fisheries
- Alaska Board of Game
- Federal Subsistence Management

State of Alaska | ADF&G | Sport Fish | Wildlife | Commercial Fish | Subsistence | Boards | Admin | Webmaster | OEO Statement | Terms of Use | Privacy | Copyright © 2009

- In FY08, the division completed and released 22 new technical reports and related updates.
- Exceeded 1997-2007 average of 7 and 2003-2007 average of 11.

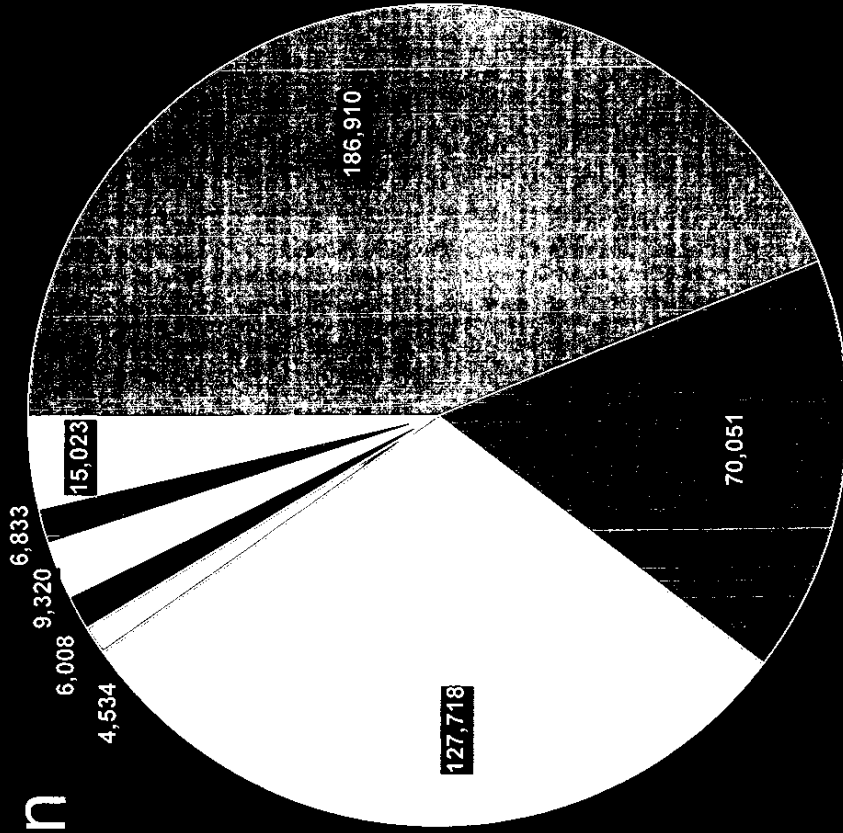
Division's Technical Papers are posted to the Division website.

AVAIL NOW IN DRAFT FORM ON W&A

Measure – Publish current subsistence use information

Target: update and maintain the online Community Subsistence Information System (CSIS) database.

- www.subsistence.adfg.state.ak.us/CSIS
- 58 communities updated in FY08.



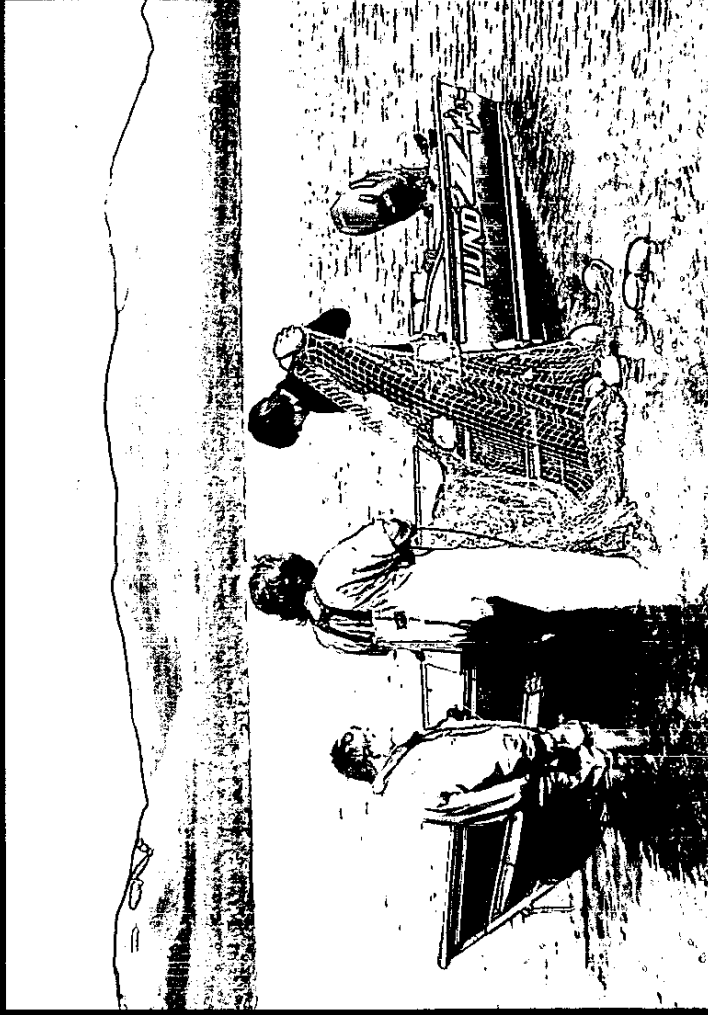
- Salmon
- Large land mammals
- Birds
- Marine invertebrates
- Nonsalmon fishes
- Small land mammals
- Marine mammals
- Plants and berries

Wild resources, pounds harvested, Cordova, 2003.

Measure – Current customary and traditional information to provide opportunity

Target: Evaluate all proposed regulatory actions regarding reasonable opportunity for C&T uses.

- All Board of Fisheries and Board of Game proposals that impacted C&T uses were reviewed before action taken by boards.



The Evanoff family getting the seine net ready, Nondalton, July 2007.

Measure – Assist boards with evaluation of C&T uses and ANS.

Target: Review regulatory proposals, provide information.

- FY09 YTD = 8 Special Publications addressing board proposals; staff presentations at each board meeting.
- NPFMC and IPHC meetings provided with technical reports and presentations.

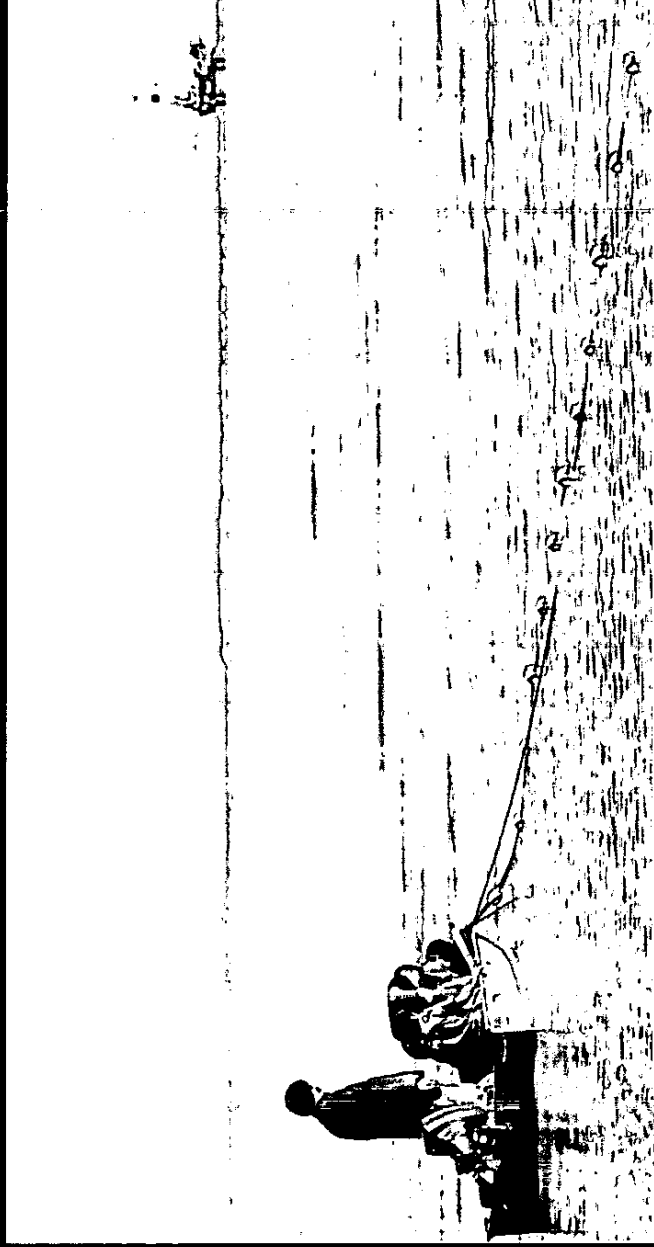
- All Board of Fisheries and Board of Game proposals that impacted C&T uses and ANS were reviewed before action taken by boards.

Measure – Assist managers with incorporating C&T uses into management plans

Target: Incorporate C&T uses and harvest information into fish and wildlife management plans.

- FY08 = 15 fisheries and 8 wildlife management plans provided with C&T information.

Art Standifer teaches his children to pick the net, Tyonek, June 2004.



Measure – Research on customary and traditional uses

Target: conduct face-to-face surveys in communities at a 5-year average.

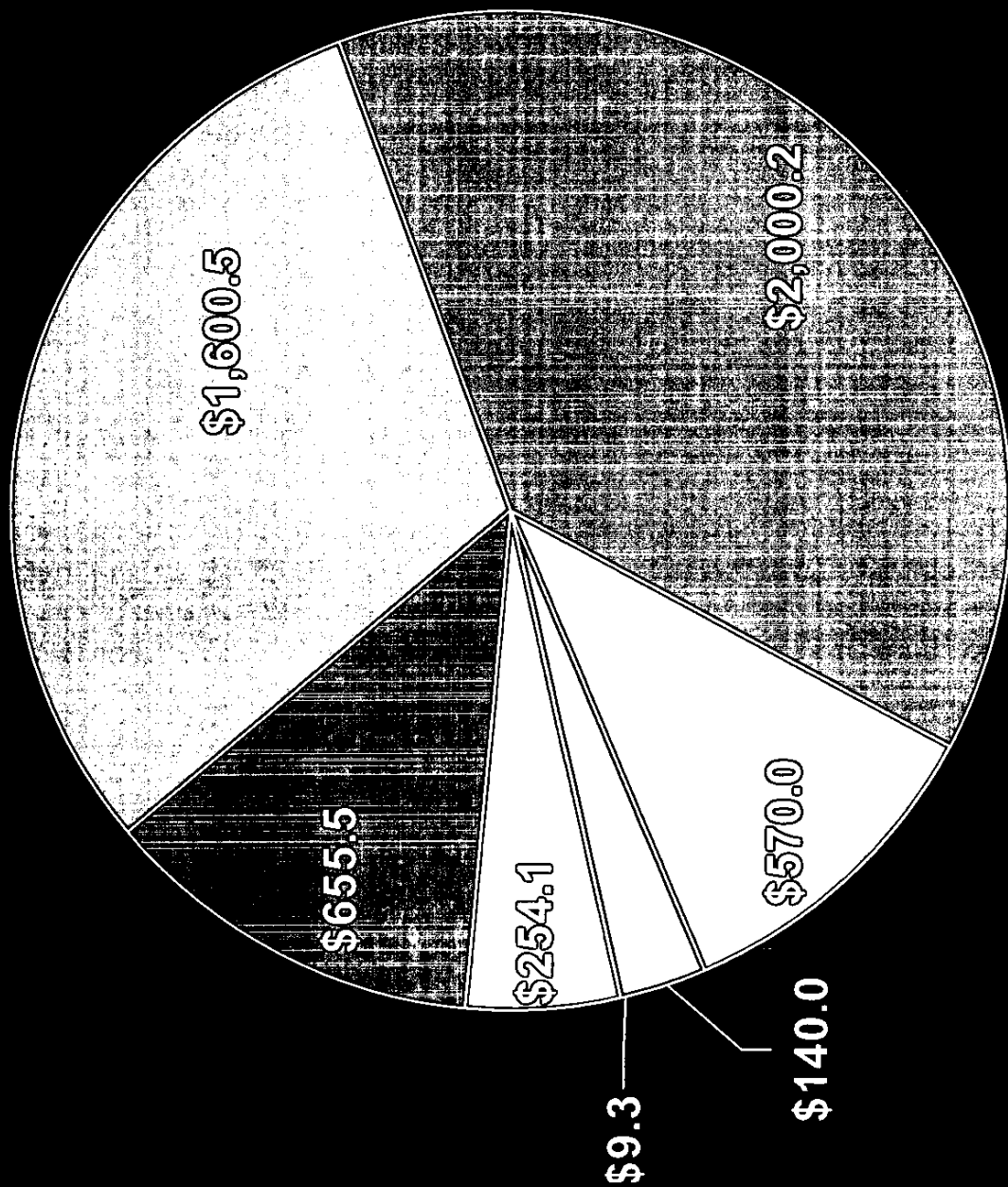
- For 2004-2008, annual average of 30.4 community surveys conducted.
- 21 surveys in FY08, approximately 1/3 below average due to completing multi-year studies started in previous years.



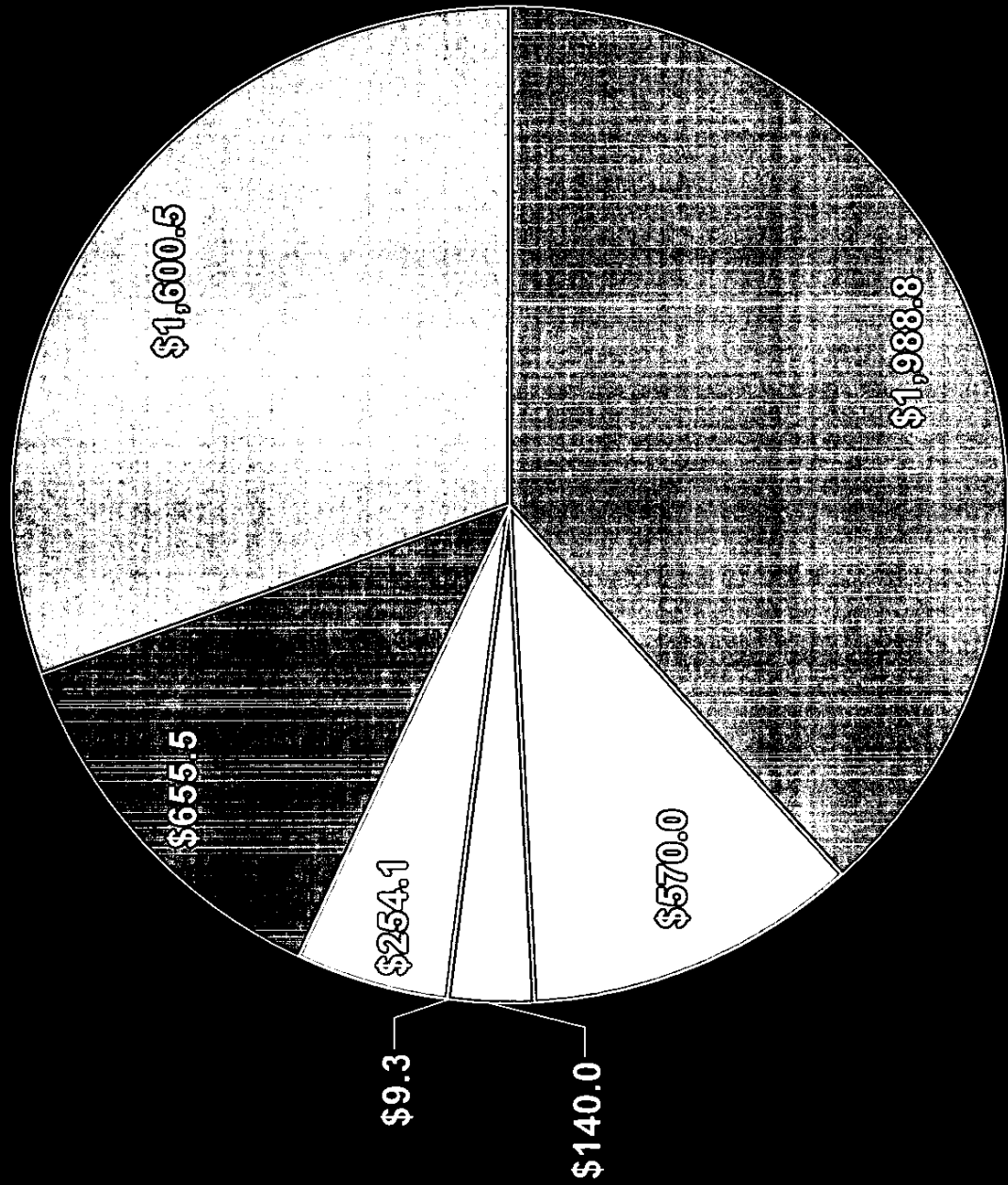
Local surveyors attend orientation session, Kiana, 2003.

NEED BETTER FUNDING TO GET & KEEP THE DATA RELEVANT

FY 09 Authority



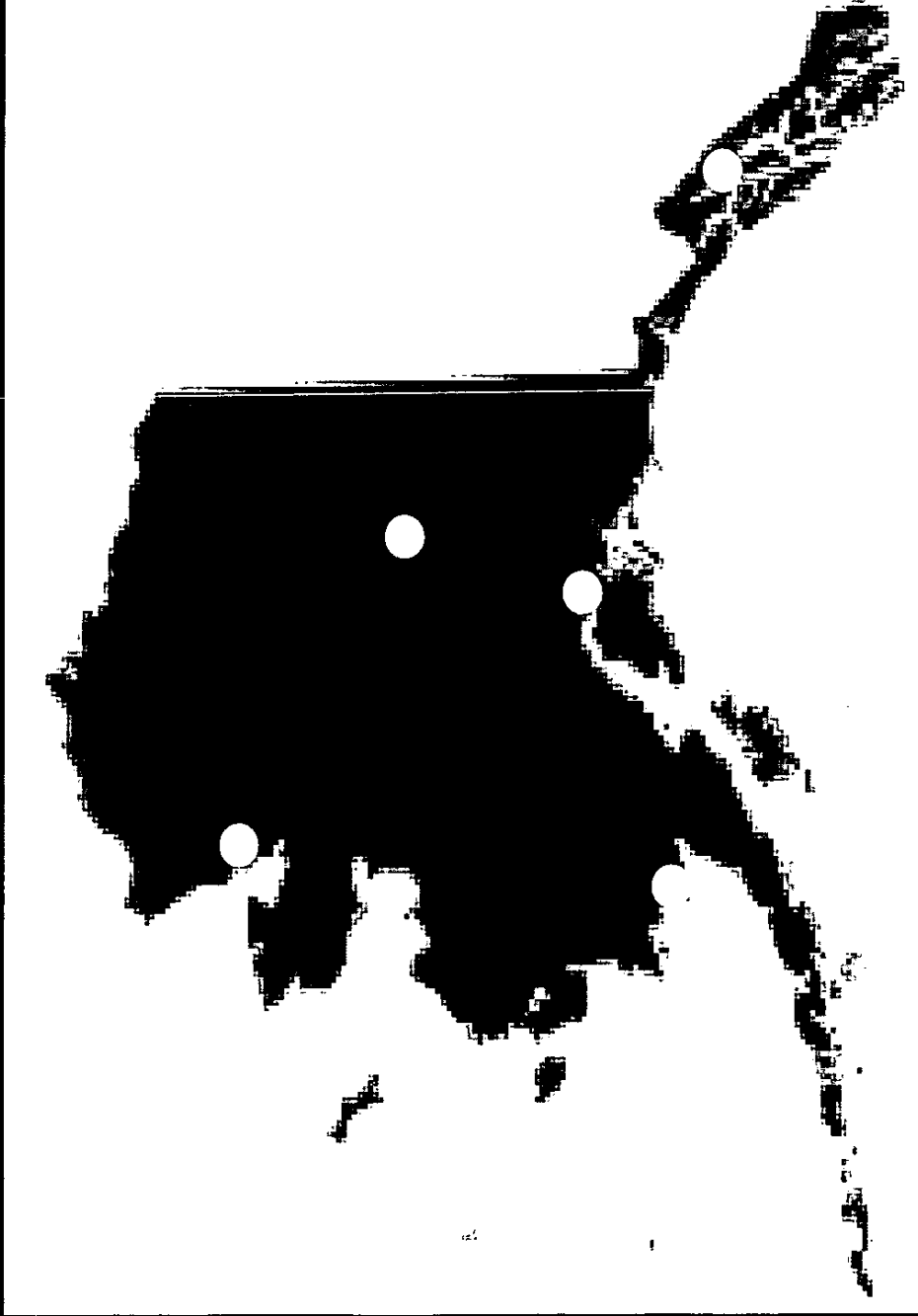
FY 10 Proposed



- Federal receipts
- General Fund
- Interagency
- EVOSS
- CF Loan
- CIP
- Statutory

Total \$5,218.2

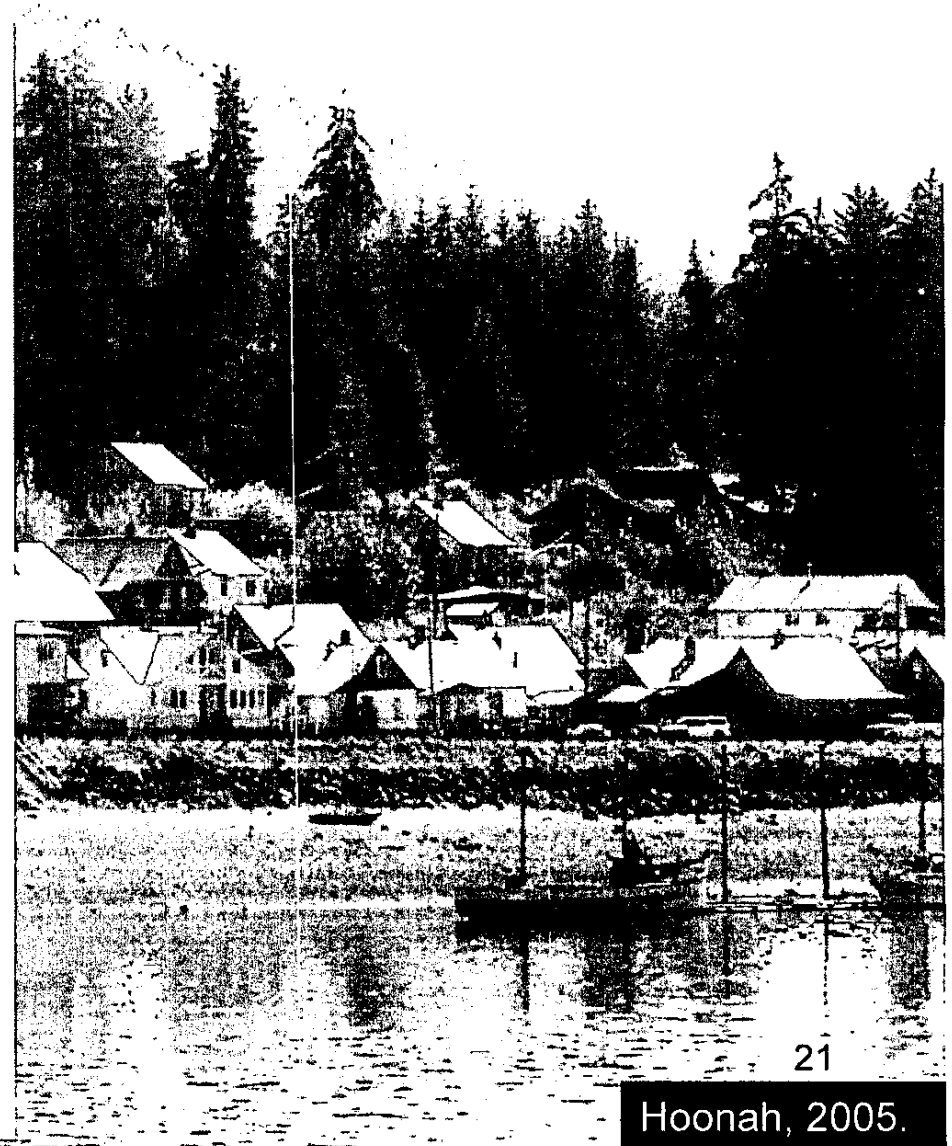
Division Office Locations, Staff



- Juneau, Anchorage, Dillingham, Fairbanks, Kotzebue.
- FY 09 = 27 PFT, 10 PPT, 5 NP
- FY10 proposed = 27 PFT, 10 PPT, 6 NP

Division Key Challenges

- **Salmon harvest database accessibility, and integrated web-interface—for public, managers, boards, law.**
- **Monitoring and reporting of Alaska subsistence salmon fisheries.**
- **Assessment and evaluation of fish harvests and trends.**
- **Technical and scientific reporting and database integration.**
- **Maintaining capacities—staffing, IM, joint state and federal fisheries management.**



Quyanaq • Háw'aa • Qağaasakug • Way Dankoo
Gunalchéesh • Tsin'aen • Dogedinh • Baasee'

Thank You



Selawik youths enjoying salmon eggs during a 2003 culture camp.



DIVISION OF HABITAT

Habitat



[Habitat Division Overview](#)

[Director](#)

[Staff Listing](#)

[Office Locations](#)

[Employment](#)

[ADF&G Public Notices](#)

Alaska Fish & Game
P.O. Box 115526
1255 W. 8th Street
Juneau, AK 99811-5526

[Phone / Fax / TTY](#)

Highlights

[ADF&G Public Notices](#)

Activities Requiring Title 16 Permits

- › [Title 16 \(Fish Habitat\) Permit Information](#)
- › [Fish Habitat Permit Application Form](#) PDF 56KB
- › [Ordinary High Water Definition](#)
- › [Land & Water Use Activities in Special Areas](#)
- › [Special Areas Permit Application Form](#)

- › [Stream Diversion](#)
- › [Streambank or Streambed Disturbance](#)
- › [Gravel Removal](#)
- › [Stream Crossings](#)
- › [Bridge or Culvert Construction and Maintenance](#)
- › [Streambank Restoration/Protection; Erosion Control](#)
- › [Stream Fluming](#)
- › [Ice Bridge/Road Construction](#)
- › [Placer Mining Activities](#)
- › [Recreational Suction Dredging](#)
- › [Use of Explosives Near Stream Corridors](#)

General Permits

- › [Authorized Vehicle Stream Crossings](#)
- › [Authorized Boat Launches](#)
- › [Recreational Suction Dredging Permits](#)
- › [Miscellaneous](#)

Of Interest

- › [Publications and Technical Resources](#)
- › [Habitat Research Activities:](#)
 - [Fort Knox Fish Studies](#)
 - [Greens Creek Biomonitoring Studies](#)
 - [North Slope Mine Site Fish Studies](#)
 - [Red Dog Mine Biomonitoring Studies](#)
 - [North Slope Whitefish Studies](#)
 - [North Slope Vibroseis Studies](#)



Reorganization Update

The Office of Habitat Management and Permitting (OHMP) of the Alaska Department of Natural Resources became the Division of Habitat, a part of the Alaska Department of Fish and Game (ADF&G), effective July 1, 2008, as a result of Executive Order 114.

As part of this reorganization, special area planning and permitting functions, and staff, became part of the Division of Habitat, and offices in Anchorage and Juneau are physically relocating.

Anchorage offices moved from the Atwood Building to the ADF&G Building at 333 Raspberry Road on May 23, 2008.

The **Juneau area offices** moved from the Willoughby Building to the Douglas Regional office at 802 3rd Street, Room 209 on September 24, 2008.

The **Director's office** moved from the Willoughby Building to the ADF&G Headquarters Office at 1255 West 8th Street on September 24, 2008.

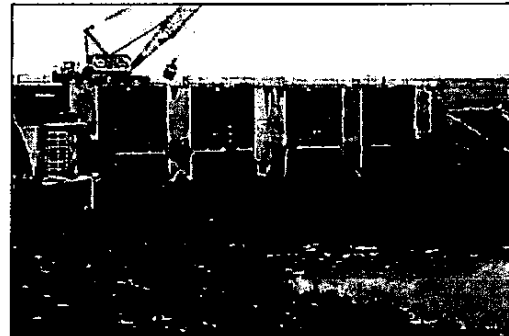


Division of Habitat



The Alaska Department of Fish and Game, Division of Habitat (Alaska Executive Order 114) works to preserve the state's fish and wildlife resources by protecting the areas they need to complete their life cycles.

Habitat has the specific statutory responsibility for protecting freshwater anadromous fish habitat (Anadromous Fish Act, **AS 16.05.871**) and providing free passage for anadromous and resident fish in freshwater bodies (Fish Way Act **AS 16.05.841**). Habitat fulfills this responsibility by writing Fish Habitat Permits for activities and projects conducted by private individuals or other state or federal government agencies below the ordinary high water of anadromous streams. Habitat biologists in Habitat conduct research and field surveys, review plans with permit applicants to permit a project that does not adversely impact fish habitat, and monitor projects for compliance with permit standards.

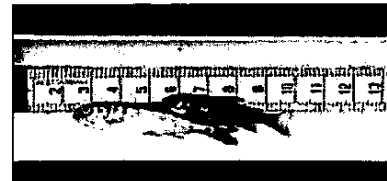


Habitat also has statutory responsibility to oversee land and water use activities (excluding hunting and fishing) in **refuges, critical habitat areas, and sanctuaries**, collectively known as Special Areas (**AS 16.20**). Regulations pertaining to land and water use activities within the Special Areas are found in the **Alaska Administrative Code at Title 5, Chapter 95, Articles 3 through 8**. Habitat provides authorization for land and water use activities in the form of a **Special Area Permit**. Examples of activities requiring a Special Area Permit are described in **5 AAC 95.420**, and include, but are not limited to, construction or placement of structures; natural resource development or energy exploration; and off-road use of wheeled or tracked equipment.



In addition to permitting duties, Habitat coordinates with other agencies during plan reviews to provide expertise for protecting both important fish and wildlife habitat throughout the state. Three examples of these reviews would include working with the state **Division of Forestry** to review timber harvest plans; working with the DNR **Office of Project Management and Permitting** (OPMP) on large project teams for hard rock mines, oil and gas development and major new transportation projects; and providing comments to DNR Division of Costal and Ocean Management (DCOM) on projects under review for consistency with the **Alaska Coastal Management Program**.

Habitat also works cooperatively with the Alaska Department of Fish and Game, Sport Fish Division to maintain and revise the **Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes**. This document lists water bodies that are known to be used by anadromous fish and legally gives these streams and lakes protection as important fish habitat.





Special Areas

The Alaska State Legislature has classified certain areas as being essential to the protection of fish and wildlife habitat. These areas are designated as either a refuge, critical habitat area, or sanctuary (collectively known as Special Areas). Legislation pertaining to these lands may be found in **Alaska Statutes Title 16, Chapter 20**. The Division of Habitat oversees land and water use activities (excluding hunting and fishing) in Special Areas (other than sanctuaries which are regulated by the Division of Wildlife Conservation).

Certain Special Areas also have management plans in place, and planning efforts for other areas are on-going. Management plans guide day-to-day and long-term decision making in many Special Areas; the Goals and Policies of these management plans are adopted as state regulation and provide additional area-specific direction for land and water use activities. Current management plans are available at a web page maintained by the **Division of Wildlife Conservation**.

Habitat provides authorization for land and water use activities in the form of a **Special Area Permit**. Examples of activities requiring a Special Area Permit are described in **5 AAC 95.420**, and include, but are not limited to, such things as construction or placement of structures; damaging or clearing vegetation; detonation of explosives (other than firearms); surface or shoreline altering activities; natural resource development or energy exploration; off-road use of wheeled or tracked equipment; boat storage; waste disposal; grazing or animal husbandry; and any other activity that is likely to have a significant effect on vegetation, drainage, water quality, soil stability, fish, wildlife, or their habitat, or which disturbs fish or wildlife. For additional information contact the ADF&G, Division of Habitat **area office** closest to your project.



Refuges & Sanctuaries

[Refuge Home](#)

State Refuges

[Cape Newenham](#)

[Izembek](#)

[Trading Bay](#)

[Susitna Flats](#)

[Anchorage Coastal](#)

[Goose Bay](#)

[Palmer Hay Flats](#)

[Minto Flats](#)

[Creamer's Field](#)

[Yakataga](#)

[Mendenhall](#)

State Critical Habitat Areas

[Egegik](#)

[Pilot Point](#)

[Cinder River](#)

[Port Heiden](#)

[Port Moller](#)

[Tugidak Island](#)

[Kalgin Island](#)

Special Area Permitting and Regulations

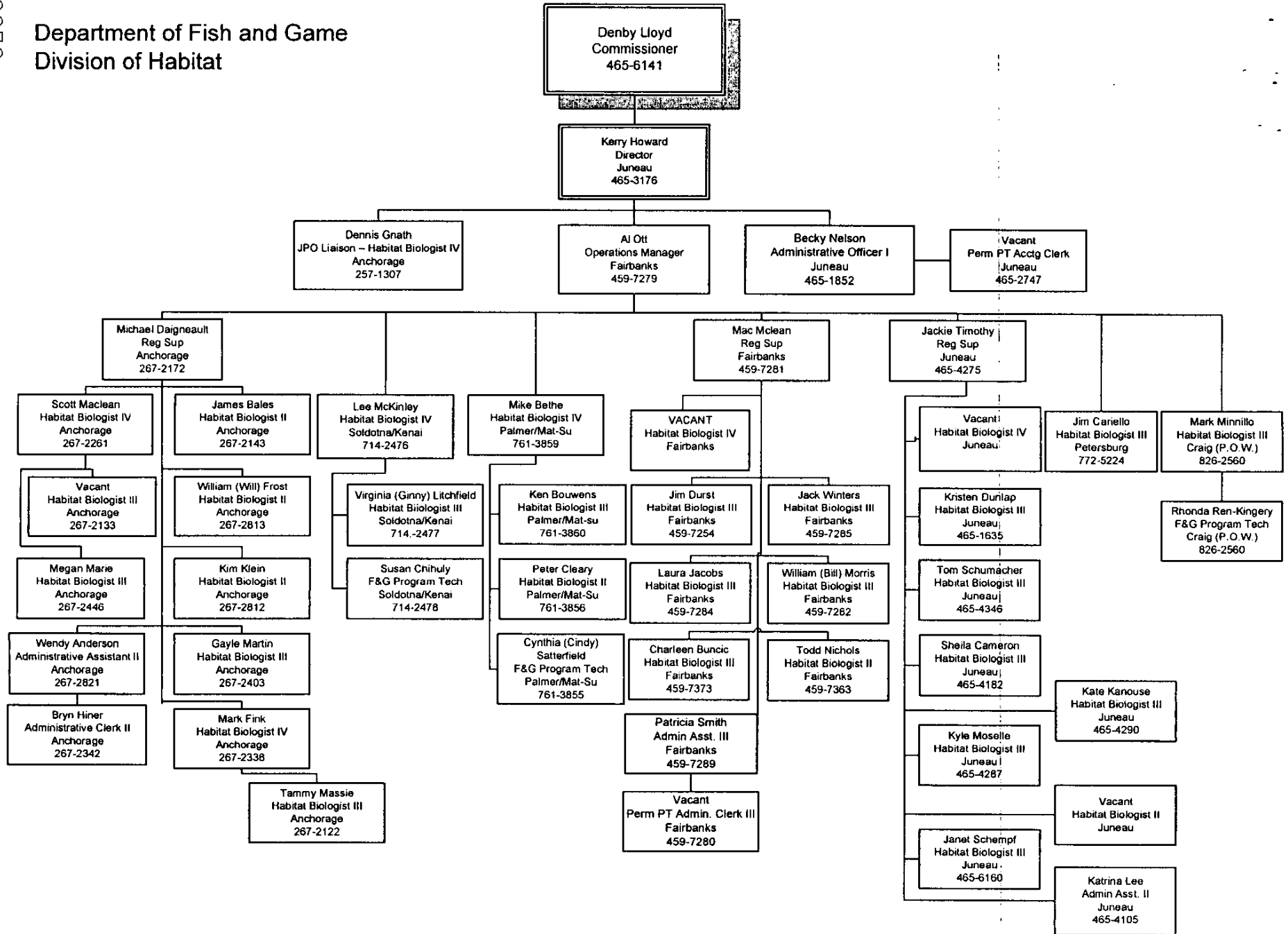
ADF&G operates several programs related to Special Areas. The Division of Wildlife Conservation conducts habitat enhancement, educational, and recreational projects within the Special Areas, as well as a wildlife viewing and limited access program for the three sanctuaries (McNeil River, Walrus Islands, and the Pack Creek). The Division of Habitat oversees land and water use activities (not including hunting and fishing) in all of the Special Areas and provides authorization in the form of a [Special Area Permit](#). Examples of activities requiring a Special Area include, but are not limited to, such things as construction or placement of structures; damaging or clearing vegetation; detonation of explosives (other than firearms); surface or shoreline altering activities; natural resource development or energy exploration; off-road use of wheeled or tracked equipment; boat storage; waste disposal; grazing or animal husbandry, and; any other activity that is likely to have a significant effect on vegetation, drainage, water quality, soil stability, fish, wildlife, or their habitat, or which disturbs fish or wildlife. Regulations pertaining to land and water use activities within the Special Areas are found in the [Alaska Administrative Code at Title 5, Chapter 95, Articles 3 through 8](#). In addition, management plans have been developed for several of the Special Areas. The Goals and Policies of these management plans are adopted as state regulation and provide area-specific direction for land and water use activities. The management plan for each site is available at its respective web page.

To obtain a current copy of the statutes pertaining to these areas contact your [regional office](#).

Redoubt Bay
Willow Mountain
Clam Gulch
Anchor River
Fox River
Kachemak Bay
Copper River
Dude Creek
Chilkat River
Homer Airport
State Sanctuaries
McNeil River
Round Island
Pack Creek
State Ranges
Delta Bison

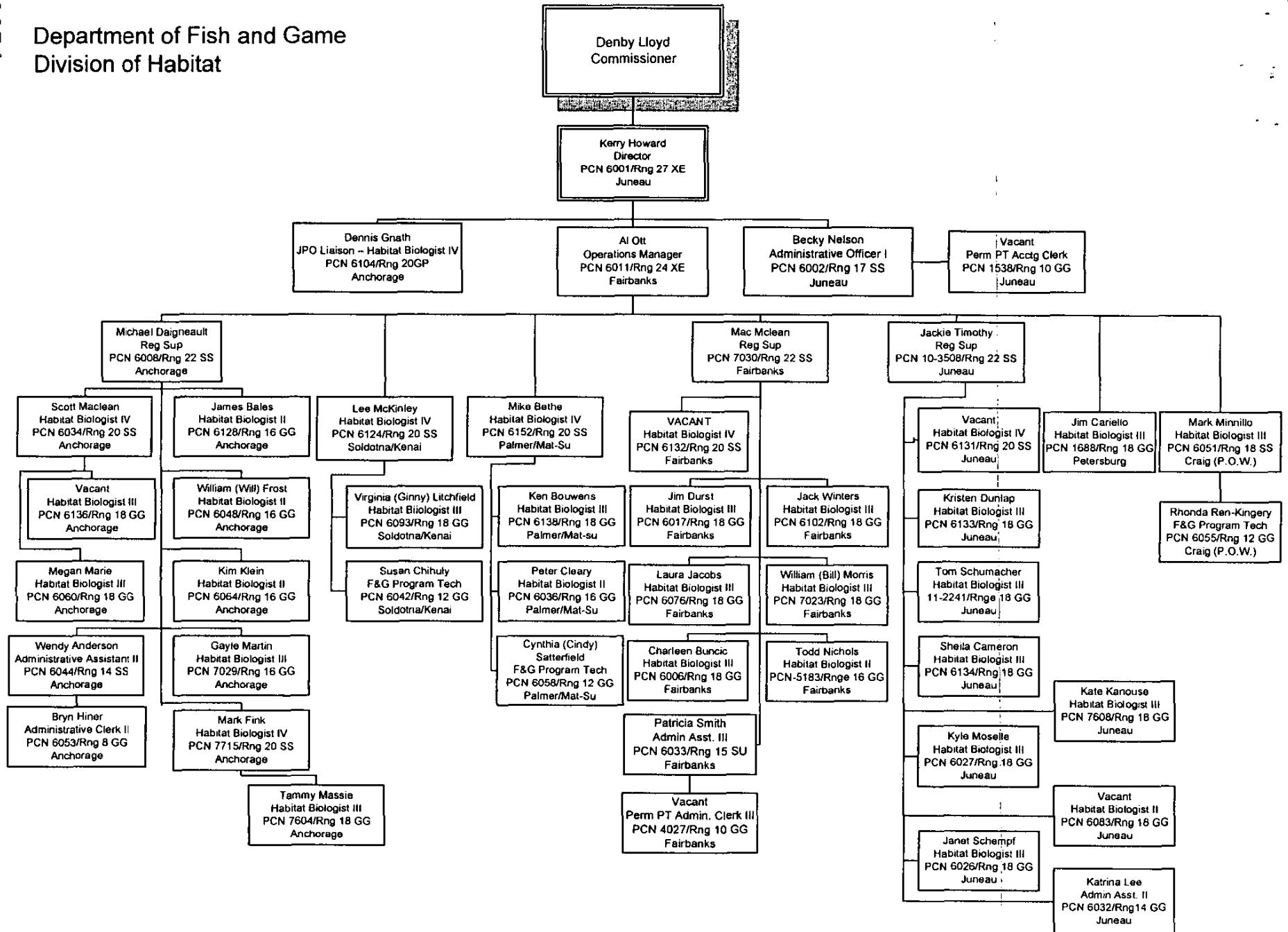
Related topics of interest...
Hunting Permits
SoundsWild
Wildlife News
Wings Over AK

Department of Fish and Game
Division of Habitat



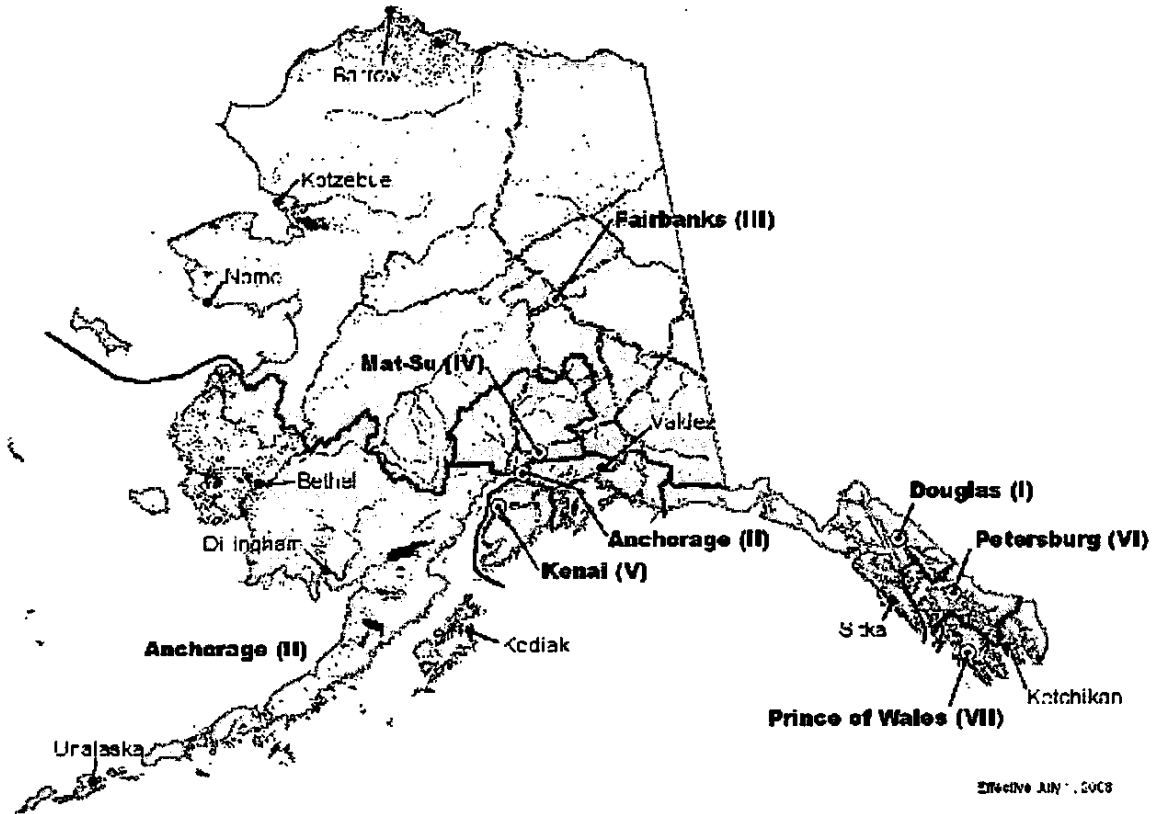
Department of Fish and Game

Division of Habitat





Office Map



Douglas Regional (I) Office
Jackie Timothy, Regional Supervisor
Regional Staff or Statewide Staff List
802 3rd Street, Room 209
Douglas, Alaska 99824-5412
465-4105 phone
465-4759 fax

- Northern Southeast - Juneau, Douglas, Gustavus, Haines, Skagway, Hoonah, Sitka, Yakutat, Icy Bay
- Game Management Units (GMUs; designations are approximate) **1C & 1D; 4 (most); 5; 6A (east of Cape Suckling)**

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Anchorage Regional (II) Office
Michael Daigneault, Regional Supervisor
Regional Staff or Statewide Staff List
333 Raspberry Rd. Suite 2068
Anchorage, AK 99518
267-2172 phone
267-2499 fax

- Municipality of Anchorage, Prince William Sound, Copper River Delta, Alaska Peninsula, Aleutian Islands, Southwest and Western Alaska; Yukon-Kuskokwim Delta - Anchorage, Whittier, Valdez, Cordova, Kodiak, Dillingham, Bethel, Togiak, Unalaska
- GMUs: **6 (west of Cape Suckling); 8; 9; 10; 11 (south of Haley Cr.); 13D (south of Healy Cr.); 14C; 16B (south half); 17; 18; 19A & 19B (west portions)**

Fairbanks Regional (III) Office
Robert (Mac) McLean, Regional Supervisor
Regional Staff or Statewide Staff List
1300 College Road
Fairbanks, AK 99701-1551
459-7289 phone
459-7303 fax

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- Interior and Northern Alaska; North Slope, Yukon River basin upstream of Paimiut and Kuskokwim River basin upstream of the Holitina River, Copper River basin north of the Chugach Mountains - Fairbanks, Delta Junction, Glennallen, Chitna, Nome, Kotzebue, Barrow
- GMUs: **11 (north of Haley Cr.); 12; east portions of 13A, 13B, & 13D; 13C; 13E (Cantwell and upper Nenana River only); east portions of 19A & 19B; 19C & 19D; 20; 21; 22; 23; 24; 25; 26**

Palmer (Mat-Su) Area (IV) Office
Mike Bethé, Area Manager
Regional Staff or Statewide Staff List
1800 Glenn Highway, Suite 12
Palmer, AK 99645-6736
745-7363 phone
745-7369 fax

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- Matanuska/Susitna Basin, Talkeetna Mountains - Palmer, Wasilla, Big Lake, Talkeetna, Trapper Creek
- GMUs: **west portion of 13A, 13B, & 13D; 13E (except Cantwell and upper Nenana River); 14A & 14B; 16A; 16B (north half)**

Soldotna (Kenai) Area (V) Office
Lee McKinley, Area Manager
Regional Staff or Statewide Staff List
514 Funny River Road
Soldotna, AK 99669-8255
714-2478 phone
260-5992 fax

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- Kenai Peninsula - Kenai, Soldotna, Homer, Seldovia, Portage, Cooper Landing, Seward
- GMUs: **7; 15**

Petersburg Area (VI) Office
Jim Cariello, Area Manager
Regional Staff or Statewide Staff List
P.O. Box 667
Petersburg, AK 99833-0667
772-5224 phone
772-9336 fax

Top of Page

- Middle Southeast - Petersburg, Wrangell, Kake, Angoon
- GMUs: **1A (northern portion) & 1B; 3; 4 (Admiralty Island from Angoon south)**

Craig (Prince of Wales) Area (VII) Office
Mark Minnillo, Area Manager
Regional Staff or Statewide Staff List
P.O. Box 668
Craig, AK 99921-0668
826-2560 phone
826-2562 fax

Top of Page

- Southern Southeast - Prince of Wales, Dall, Long, Revillagigedo, and Gravina islands; - Ketchikan, Craig, Klawock, Thorne Bay, Hyder, Hydaburg, Coffman Cove;
 - GMUs: **1A (most); 2**
-

DIVISION OF HABITAT

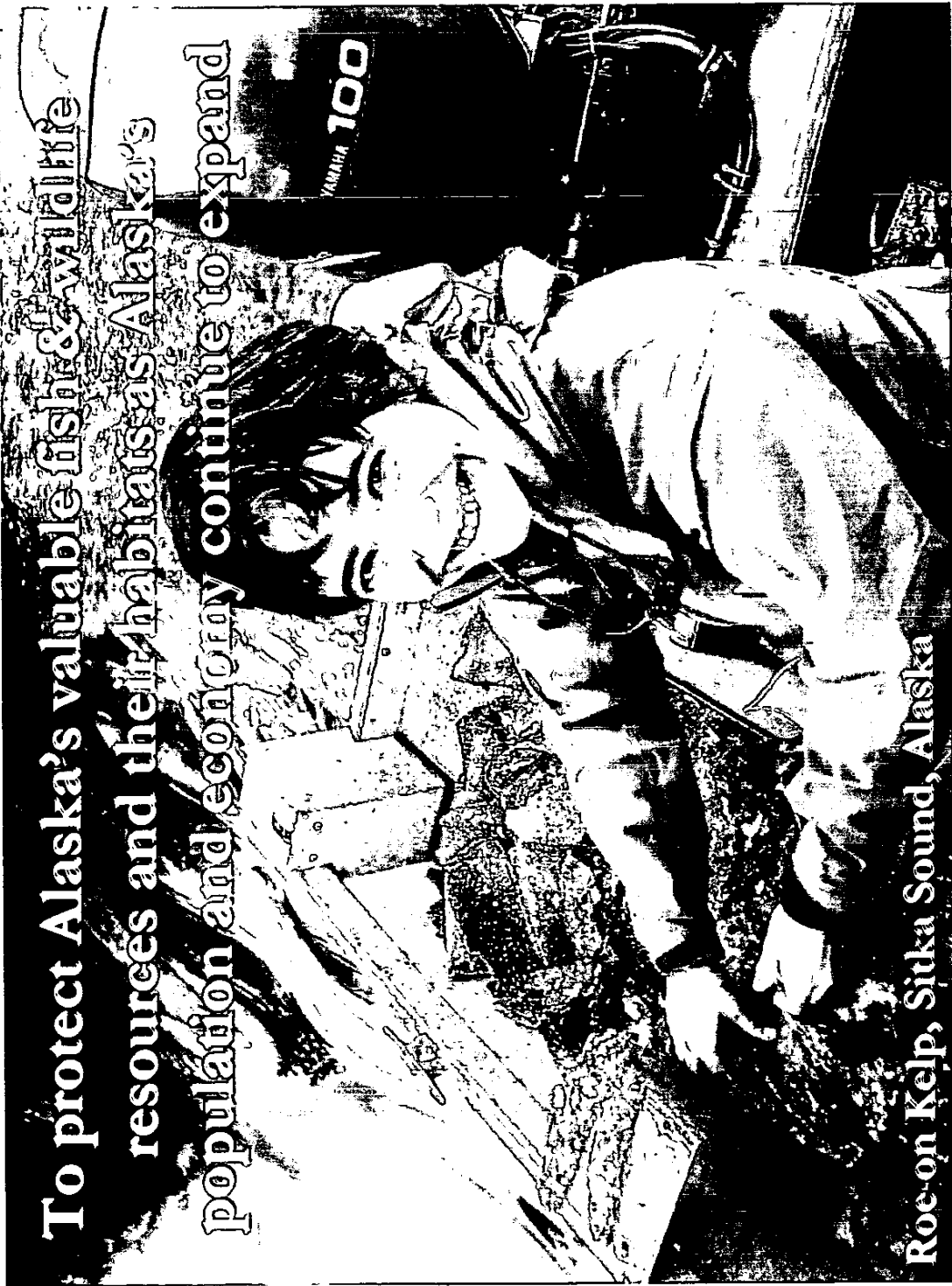


Kerry Howard, Director

<http://www.habitat.adfg.alaska.gov/>

Mission Statement

To protect Alaska's valuable fish & wildlife resources and their habitats as Alaska's population and economy continue to expand



Roe-on Kelp, Sitka Sound, Alaska

Habitat Statutory Authorities

- © AS 16.05.841
Fish Passage
- © AS 16.05.871
Fish Habitat



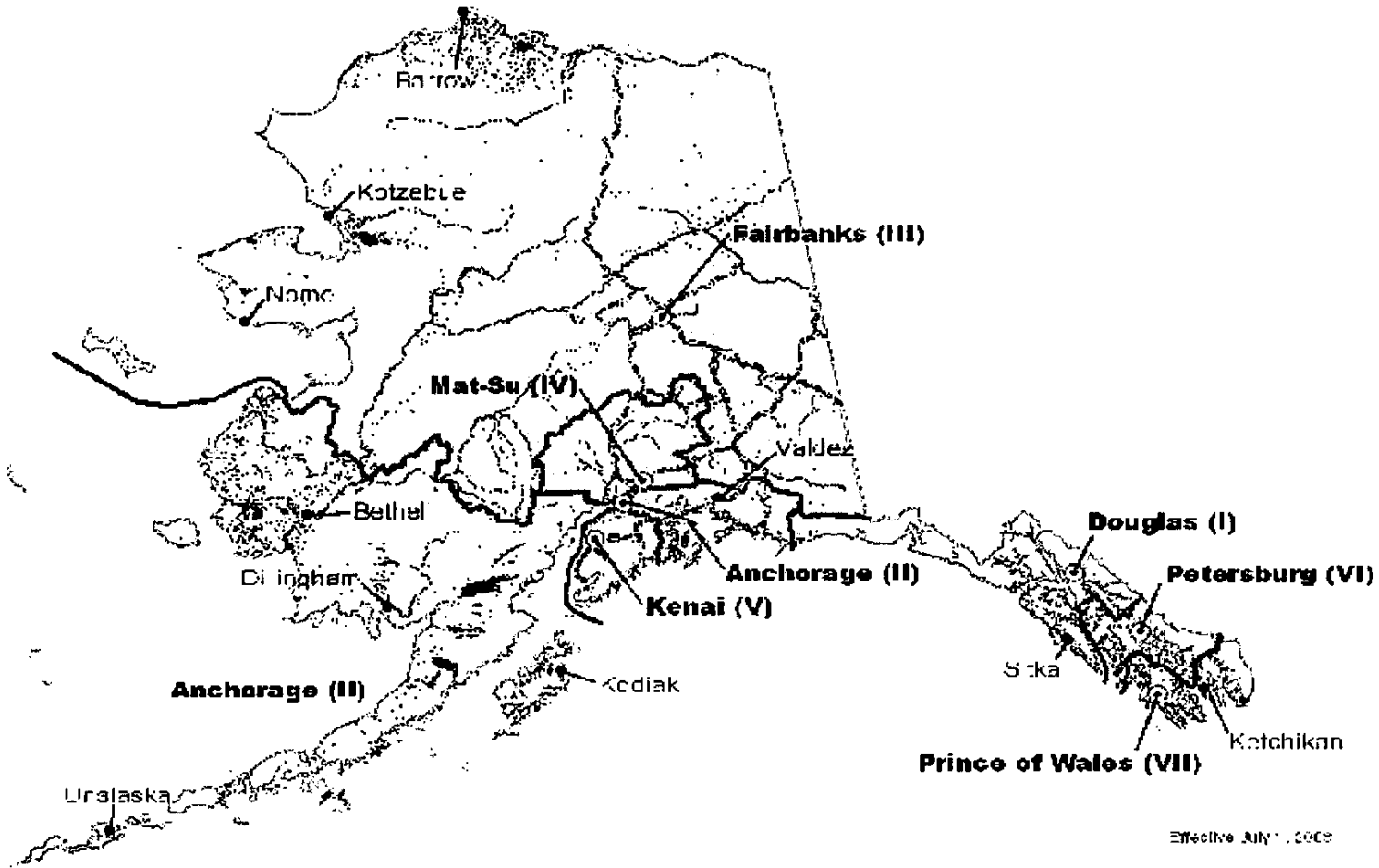
Sockeye Salmon, Steep Creek, Juneau, Alaska

Habitat Workload Priorities



- ❖ **Anadromous Waters Catalog**
- ❖ **Title 16 Fish Habitat and Special Area Permits**
- ❖ **Alaska Coastal Management Consistency Reviews**
 - ❖ **Emphasis on Title 16 Permits or important habitat issues not addressed by other authorities**
- ❖ **Forest Resources and Practices Act implementation**
- ❖ **Large Projects of importance to the State**
- ❖ **Special Area Planning, and**
- ❖ **Research to aid in permitting decisions**

Habitat Offices



Habitat decisions are made
uniformly Statewide

Catalog of Waters Important for Spawning, Rearing, or Migration of Anadromous Fishes



Caroline Creek, Juneau, Alaska



Catalog & Atlas Updates

- ▣ Yearly Updates to 5 AAC 95.011
 - ▣ Nominations
 - ▣ Additions
 - ▣ Deletions
 - ▣ Definitions

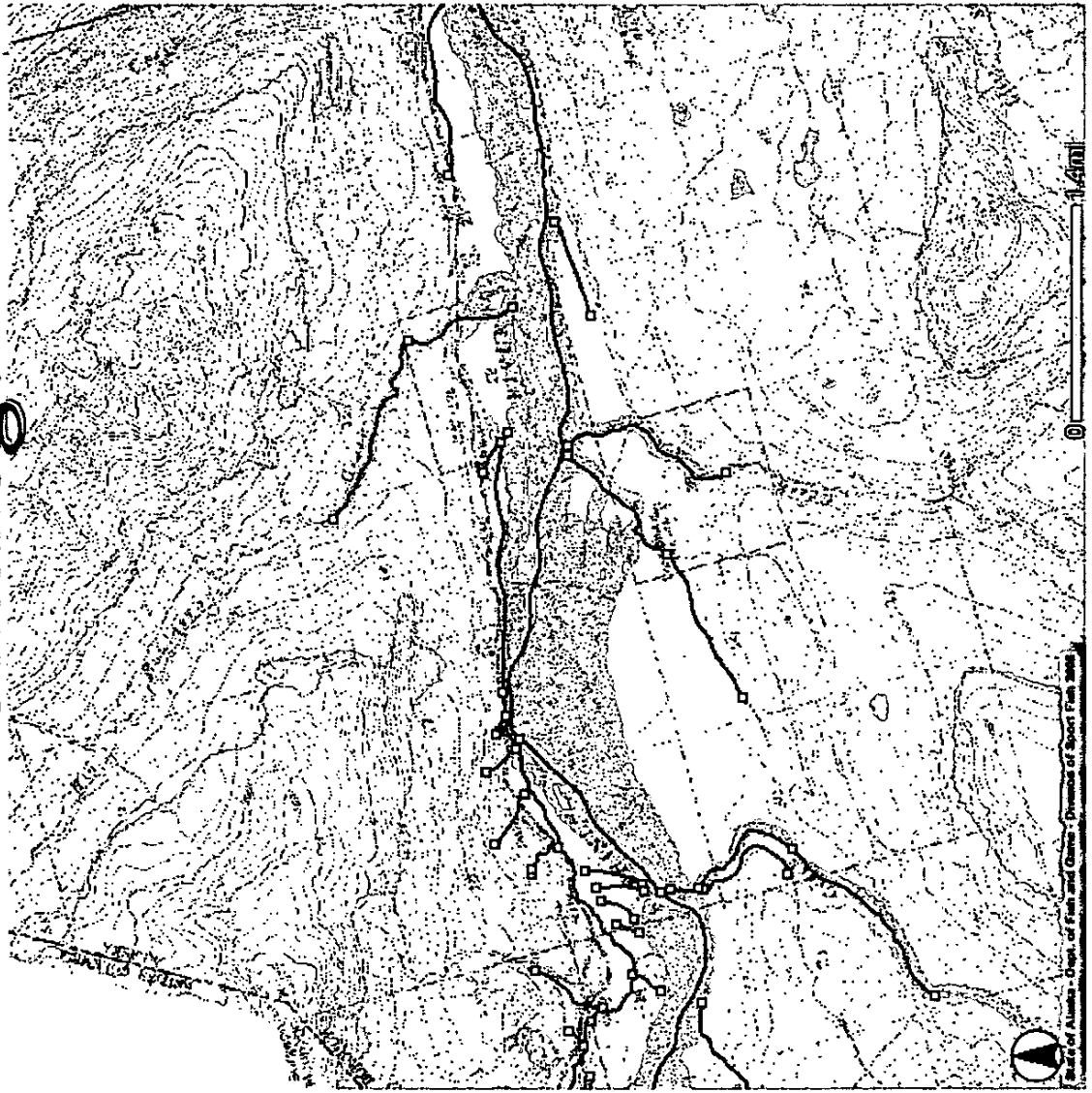
- ▣ Historical Database

- ▣ Define the extent of .871 permitting authority



**Airport Ditch,
Gustavus, Alaska**

How do we use the Catalog?



tag grayling at dog mine freshwater reservoir



dog grayling ft. knox mine



stream survey area dog mine



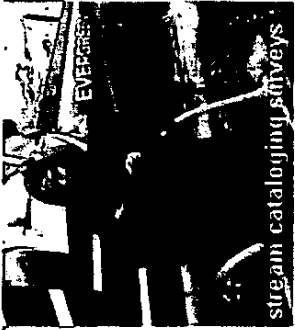
stream cross section measurements grebens, ak



fish sampling ikalukmik river



fish survey area



stream cataloging surveys



juvenile king survey site

juvenile salmon survey site

electro-fishing training



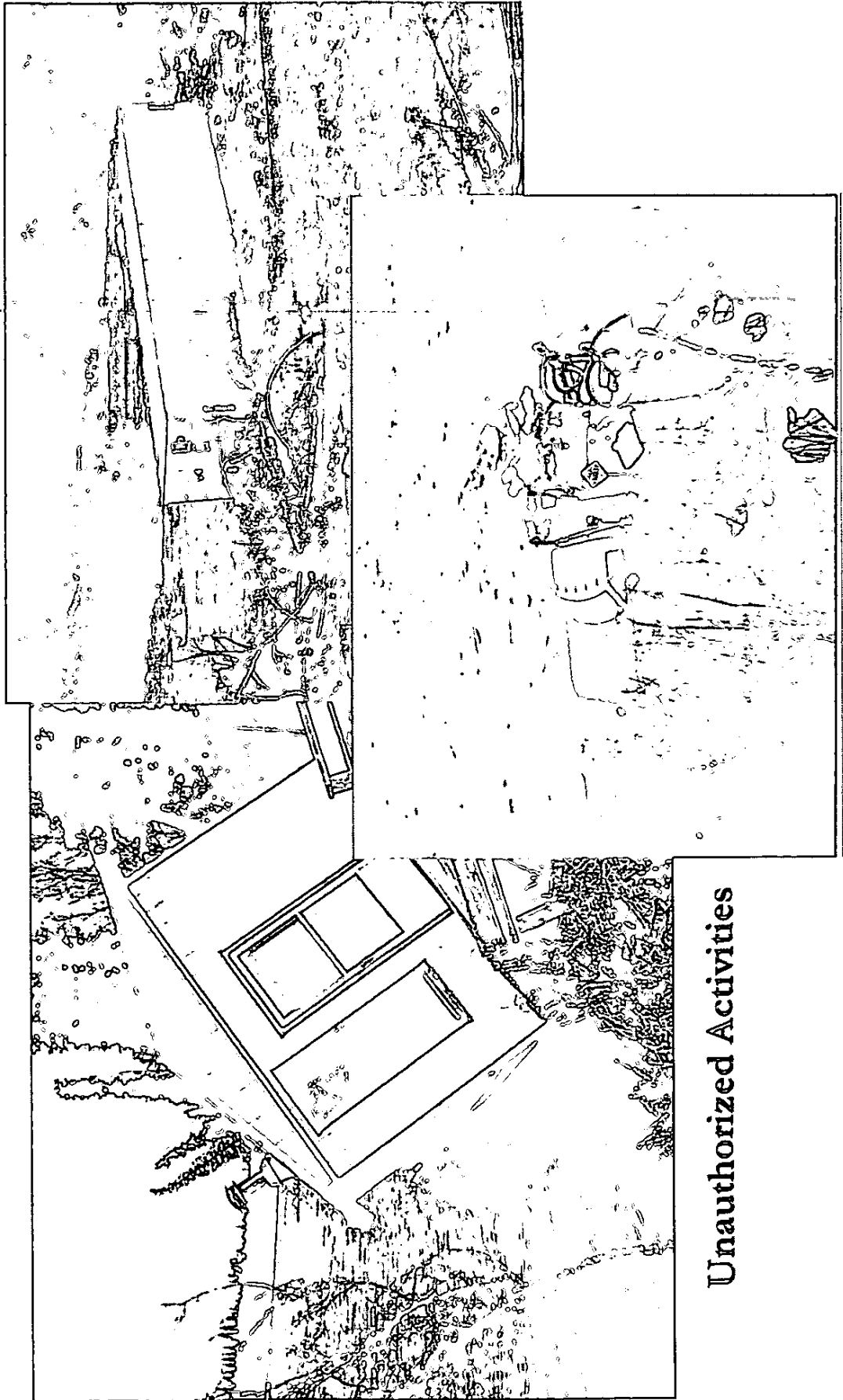
stream crossing exams

Title 16 Fish Habitat Permits



Multi-use trail bridge, Tidewater Slough, Girdwood , Alaska

Protect Anadromous Fish Habitat



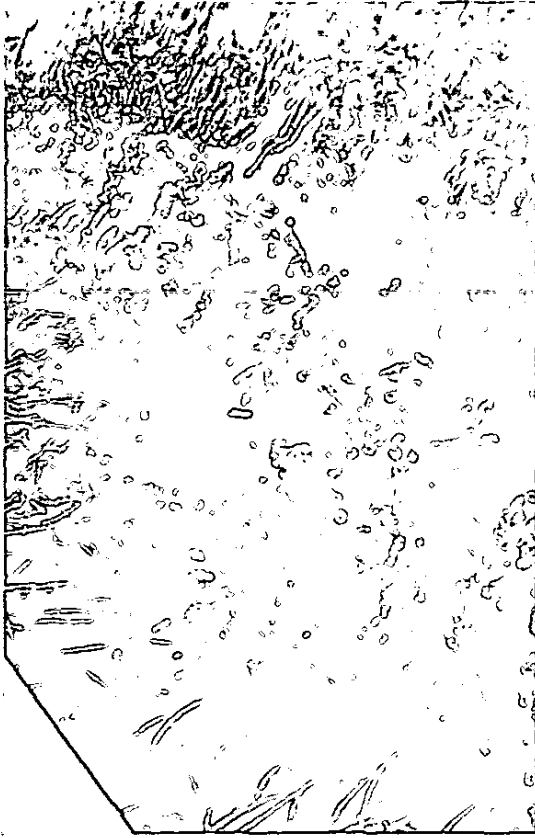
Unauthorized Activities

Instream Activities



Bank Stabilization

S P R U C E



C O M B O

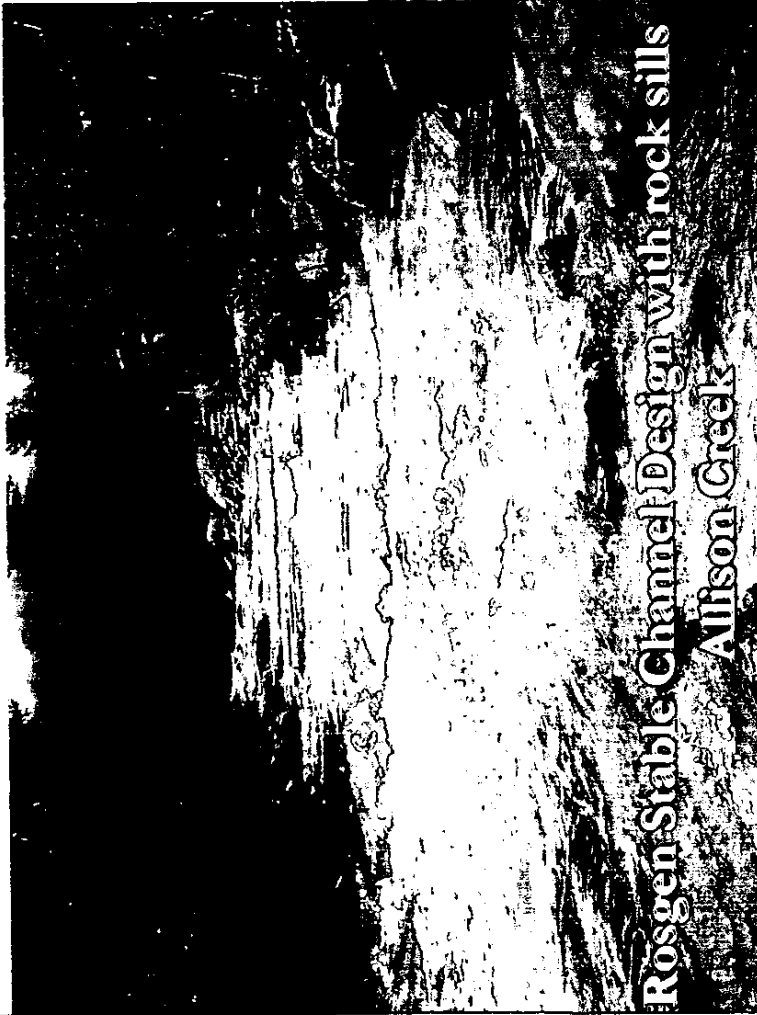


R I P R A P



W I L L O W

Stream Reconstruction



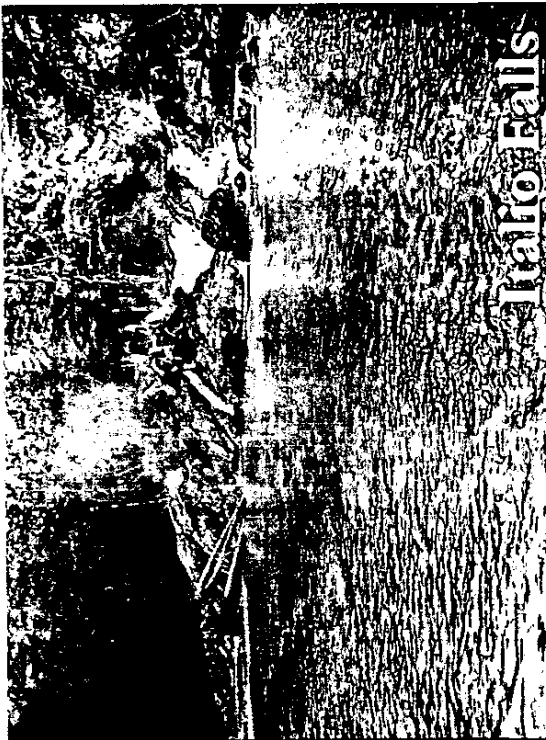
Rosgen Stable Channel Design with rock sills
Allison Creek



Rosgen Stable Channel Design, Marion Creek

Fish Enhancement

F I S H L A D D E R S



S T E P P O O L S

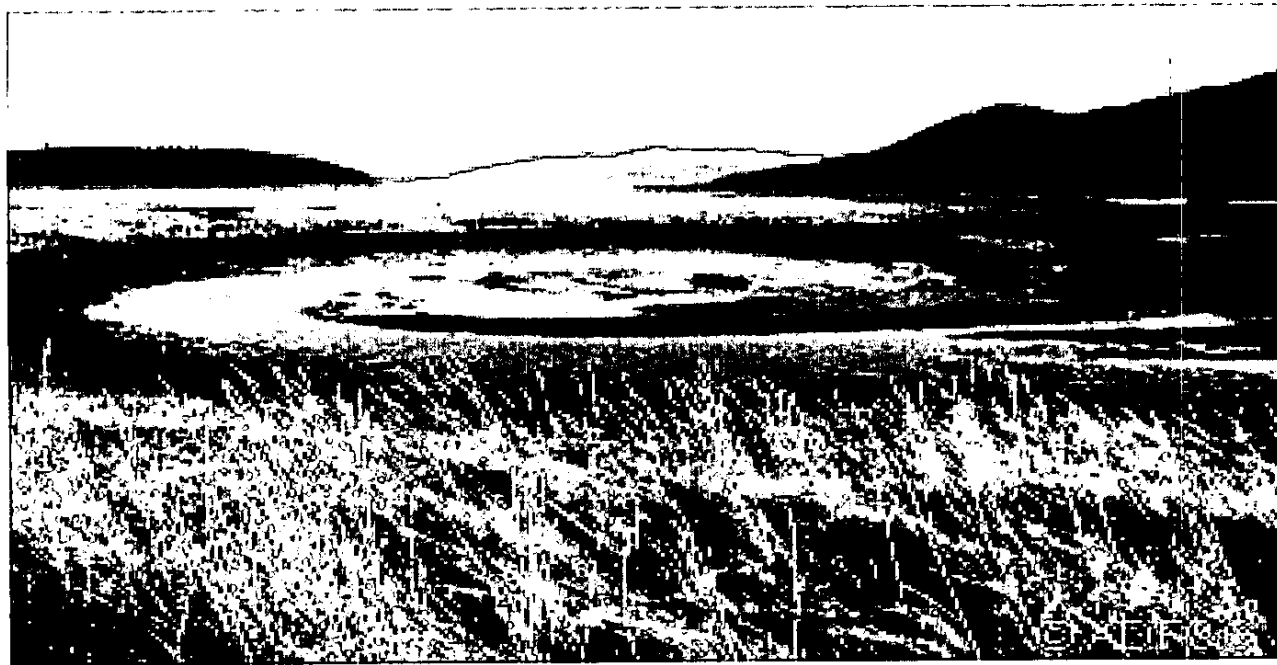
Stream Crossings



- Most activities that require a T16 Fish Habitat Permit are generally consistent with the Alaska Coastal Management Program

Special Area Permitting

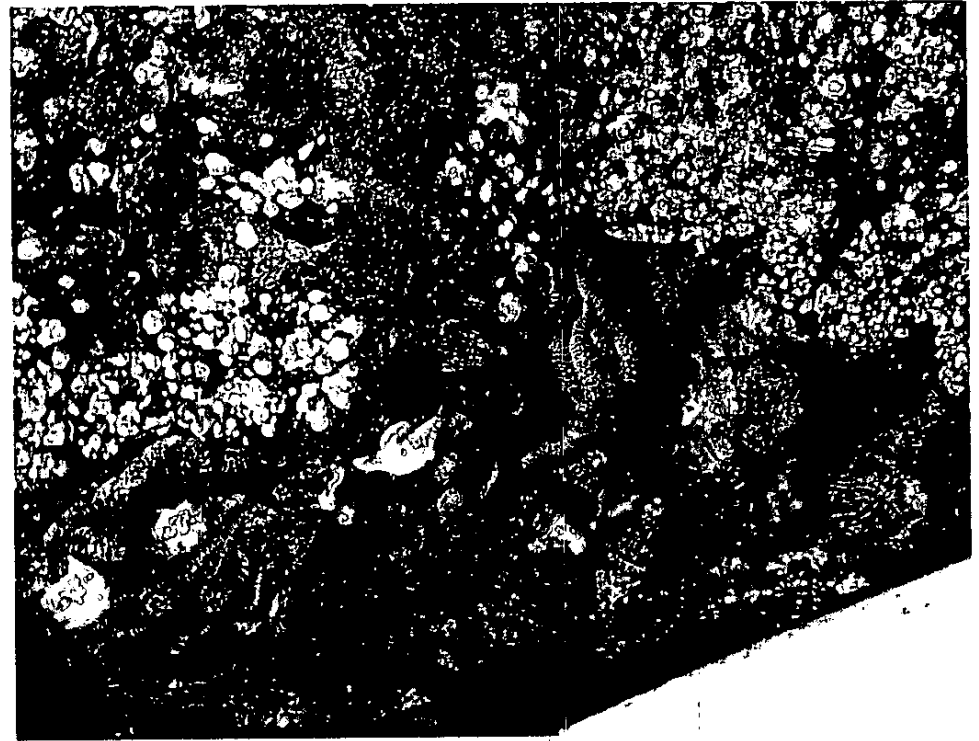
- A Special Area Permit is required for many land and water use activities conducted in one of these legislatively designated areas.



Mendenhall Wetlands State Game Refuge

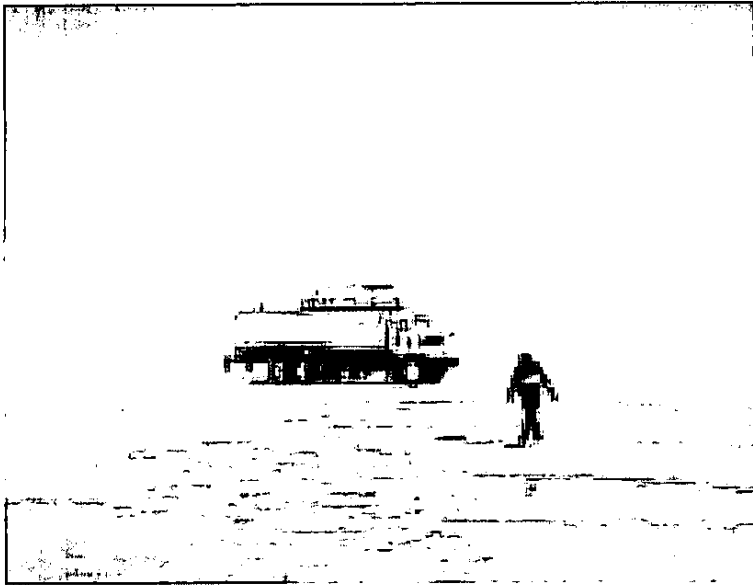
Alaska Coastal Management Program Consistency Review

- © Any combination of these are reviewed for consistency with ACMP State Standards
 - © State permitted activities
 - © Federally permitted activities
 - © Federal Actions



Coastal Standards

Regulatory Standards that address an array of uses and activities

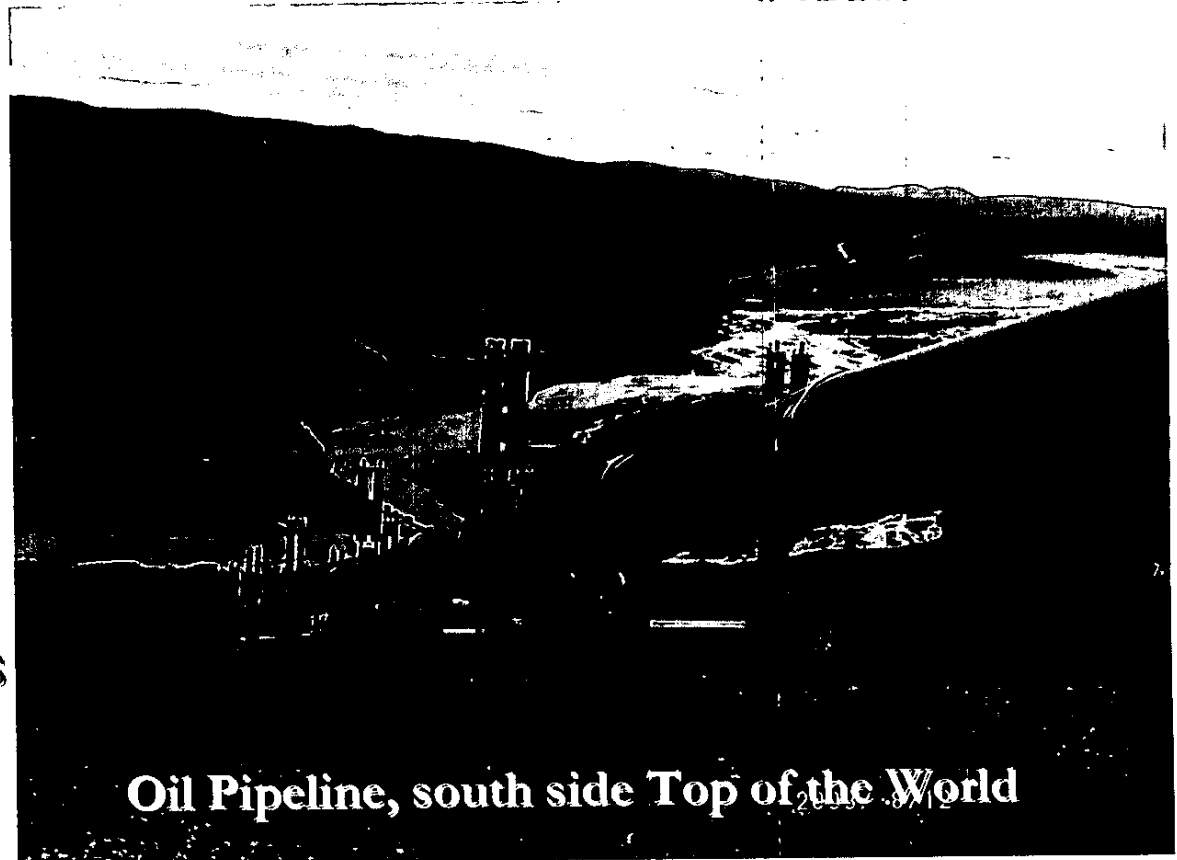


Pump Truck on the North Slope

- ⦿ **Coastal Development**
- ⦿ **Coastal Access**
- ⦿ **Air, Land & Water Quality**
- ⦿ **Natural Hazard Areas**
- ⦿ **Historic, Prehistoric, & Archeological Resources**

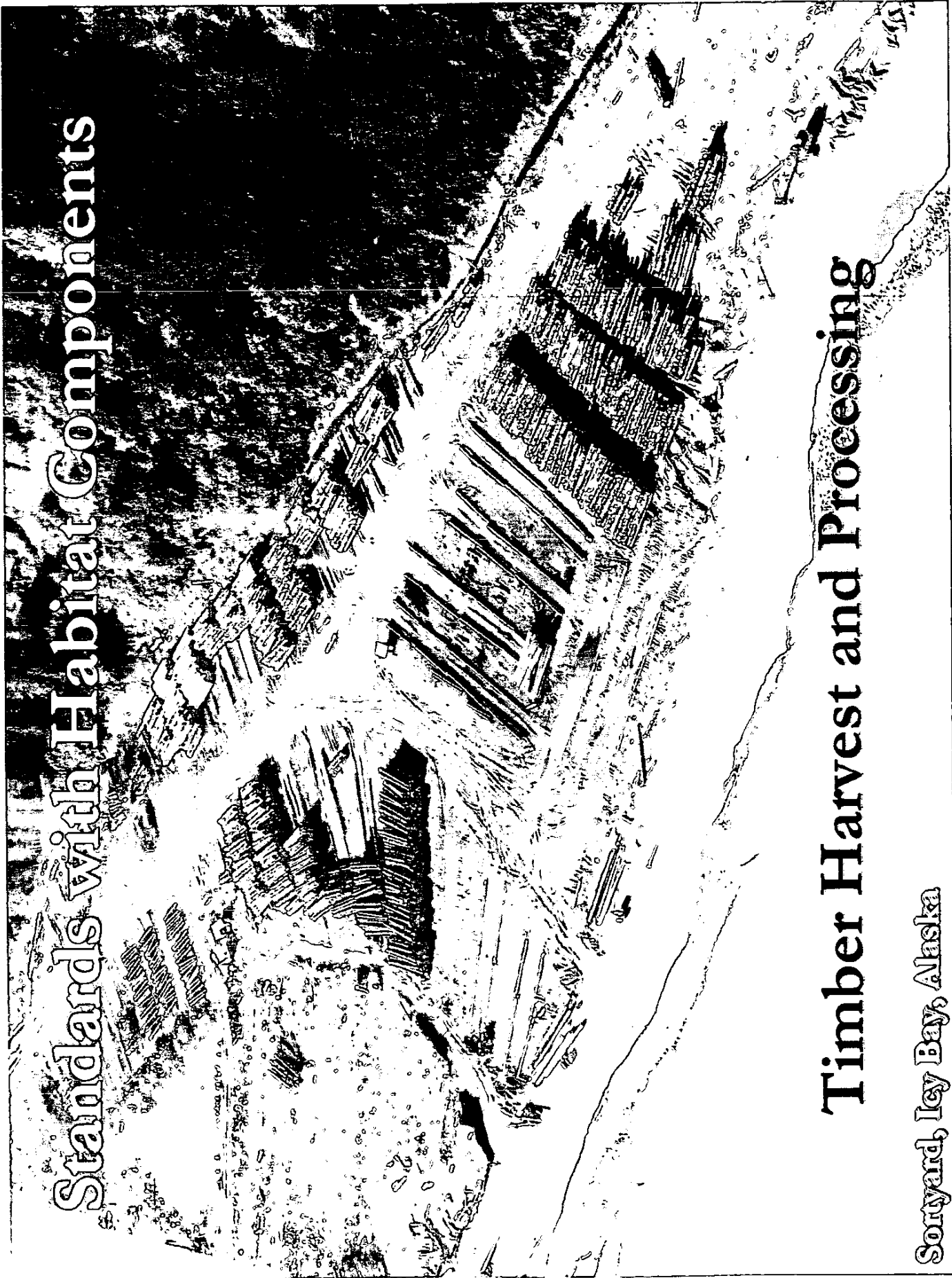
Standards with Habitat Components

- Energy Facilities
- Utility Routes and Facilities
- Sand and Gravel Extraction
- Transportation routes and facilities



Oil Pipeline, south side Top of the World

Standards with Habitat Components



Timber Harvest and Processing

Sortyard, Icy Bay, Alaska

Title 16 plus FRPA



Jackie Timothy and John Hillman ID Fish near Hoonah, Alaska

Habitats Standard

Offshore areas

Estuaries

Wetlands

Tideflats

Rocky islands & sea cliffs

Barrier islands & lagoons

Exposed high-energy coasts

Rivers, streams, & lakes & the

active floodplains & riparian

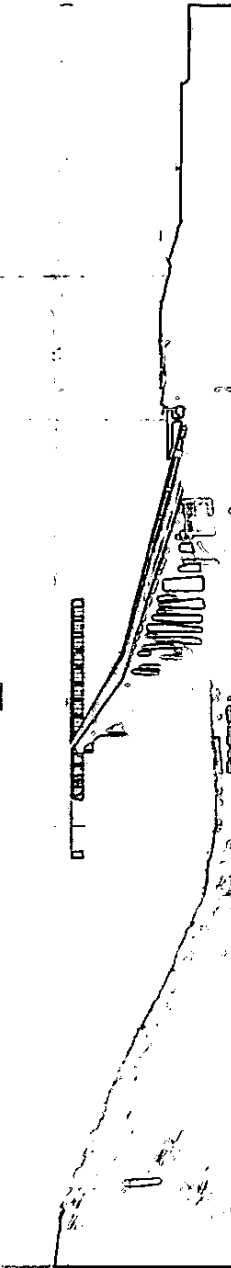
management areas of those

rivers, streams, & lakes

Important habitat

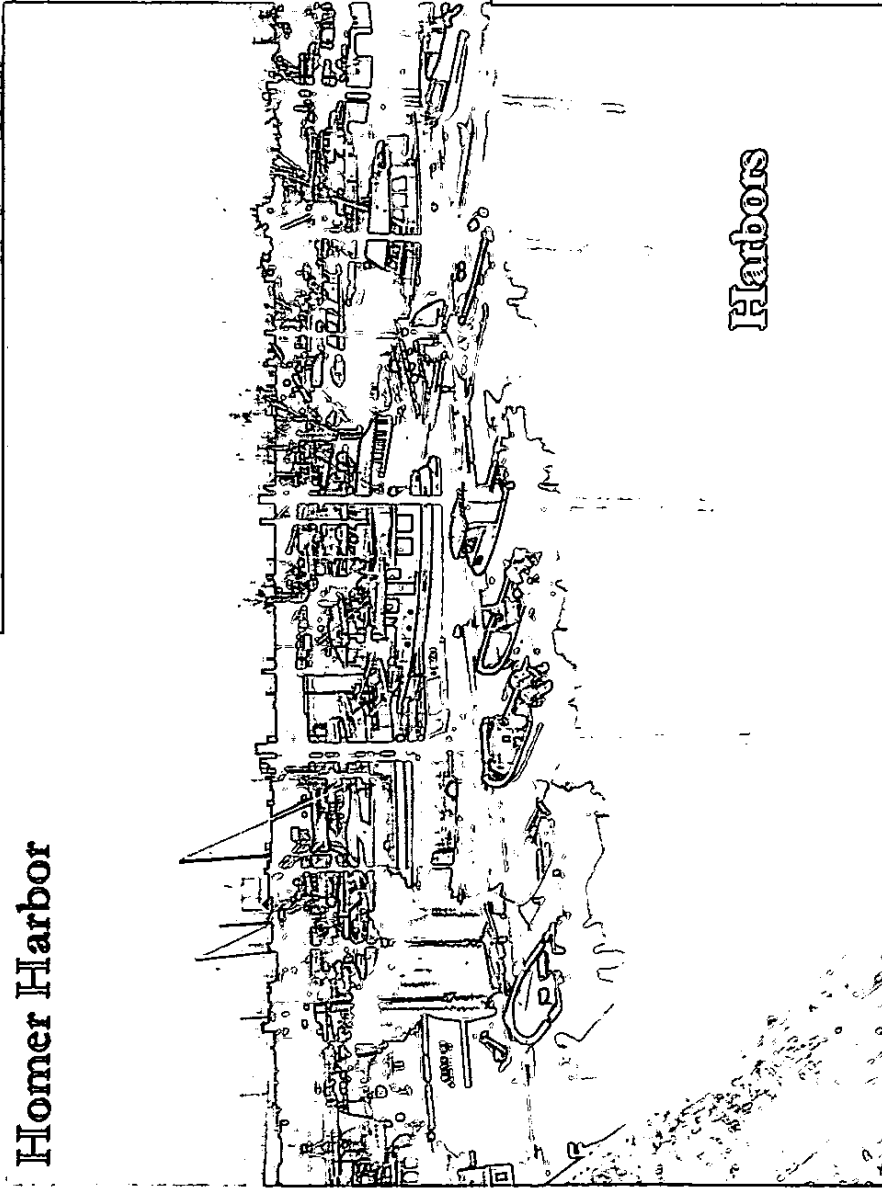
Tyonek Dock

Marine Development



Docks

Homer Harbor



Harbors

Wetland Development



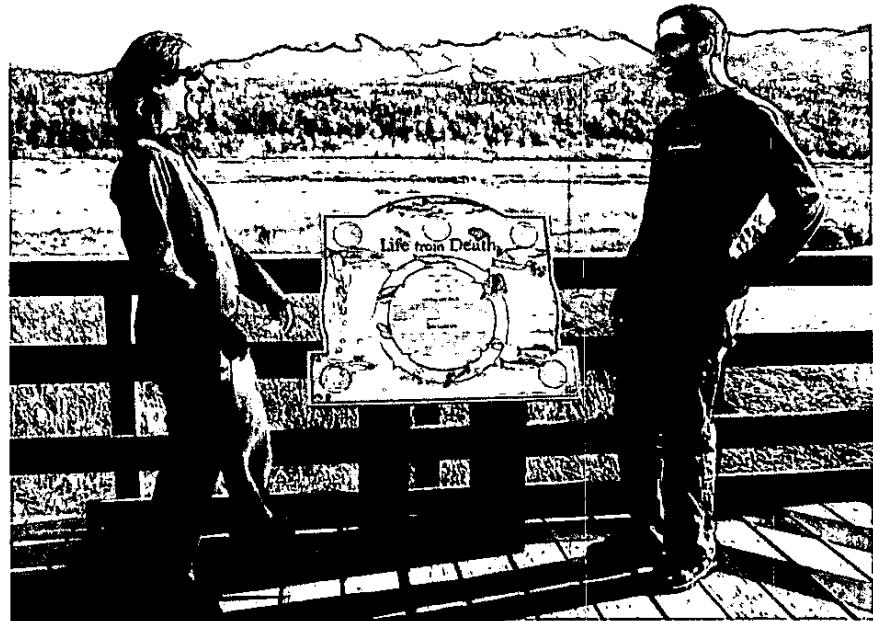
Large Projects of Importance to the State



Red Dog Mine

Special Area Planning

- As mentioned before, there are 32 areas statewide. A plan is developed for each, which provides further detail on how the area is to be managed.
- Plans underway are Izembek and the Bristol Bay CHAs



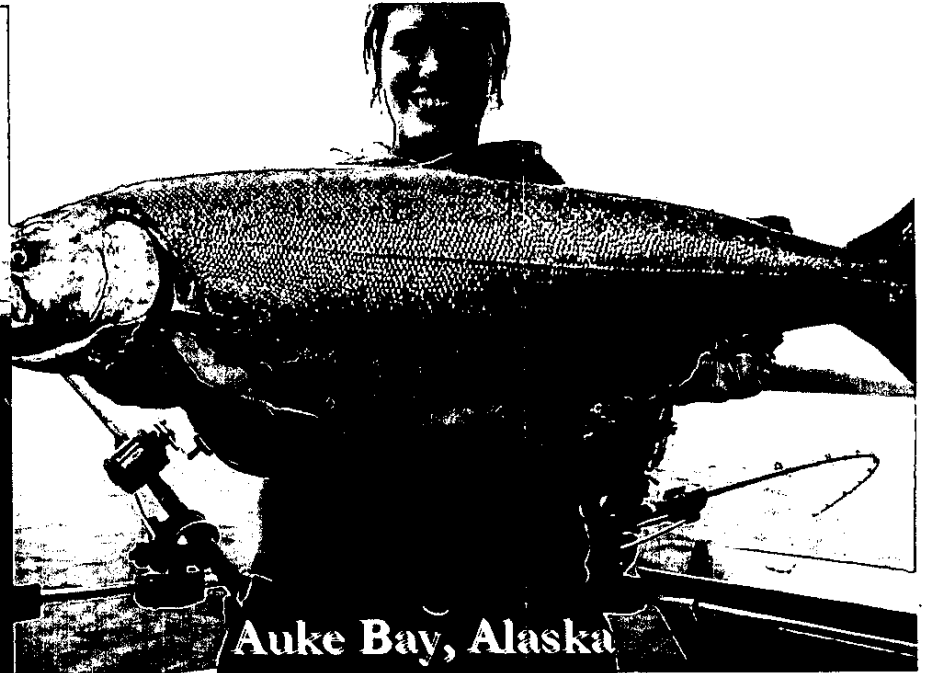
Potter Marsh, Anchorage Coastal Wildlife Refuge

Alaska State Constitution

Article VIII, Natural Resources



Endicott Island, Alaska³



Auke Bay, Alaska

- Section 1 encourages the development of land and utilization of resources recognizing the collective interests of the public

Alaska State Constitution

Article VIII, Natural Resources



↗ In addition to development and utilization, conservation is a resource management objective in Section 2

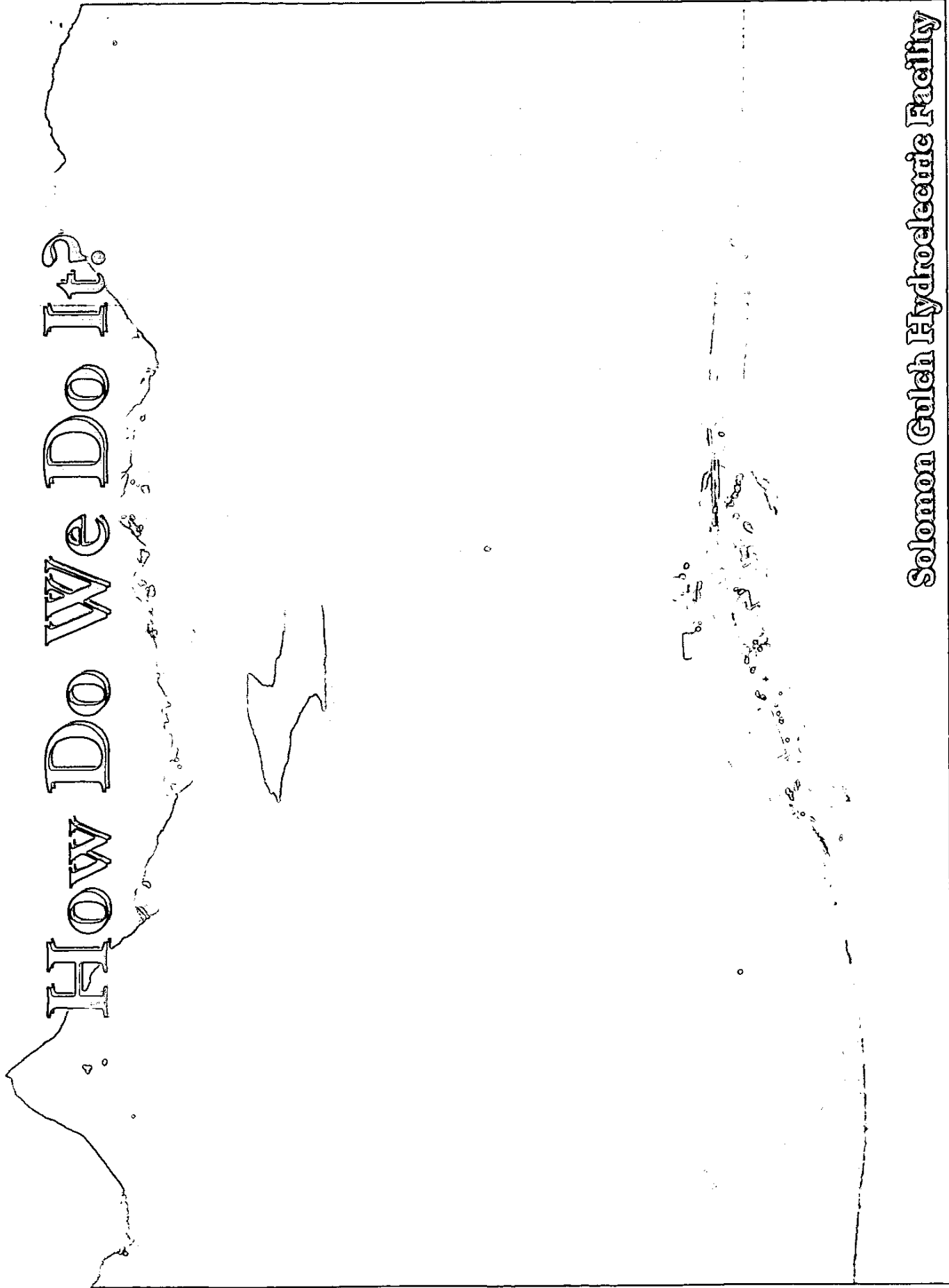
Alaska State Constitution

Article VIII, Natural Resources

- **Habitat Biologists are tasked to find the often delicate balance between resource development and resource protection**



How Do We Do It?



Solomon Gulch Hydroelectric Facility

Get Involved Early in Process

- Assist applicants during project planning phases to identify and resolve issues up front



Duffield Peninsula Habitat Enhancement

Solve Problems During Review

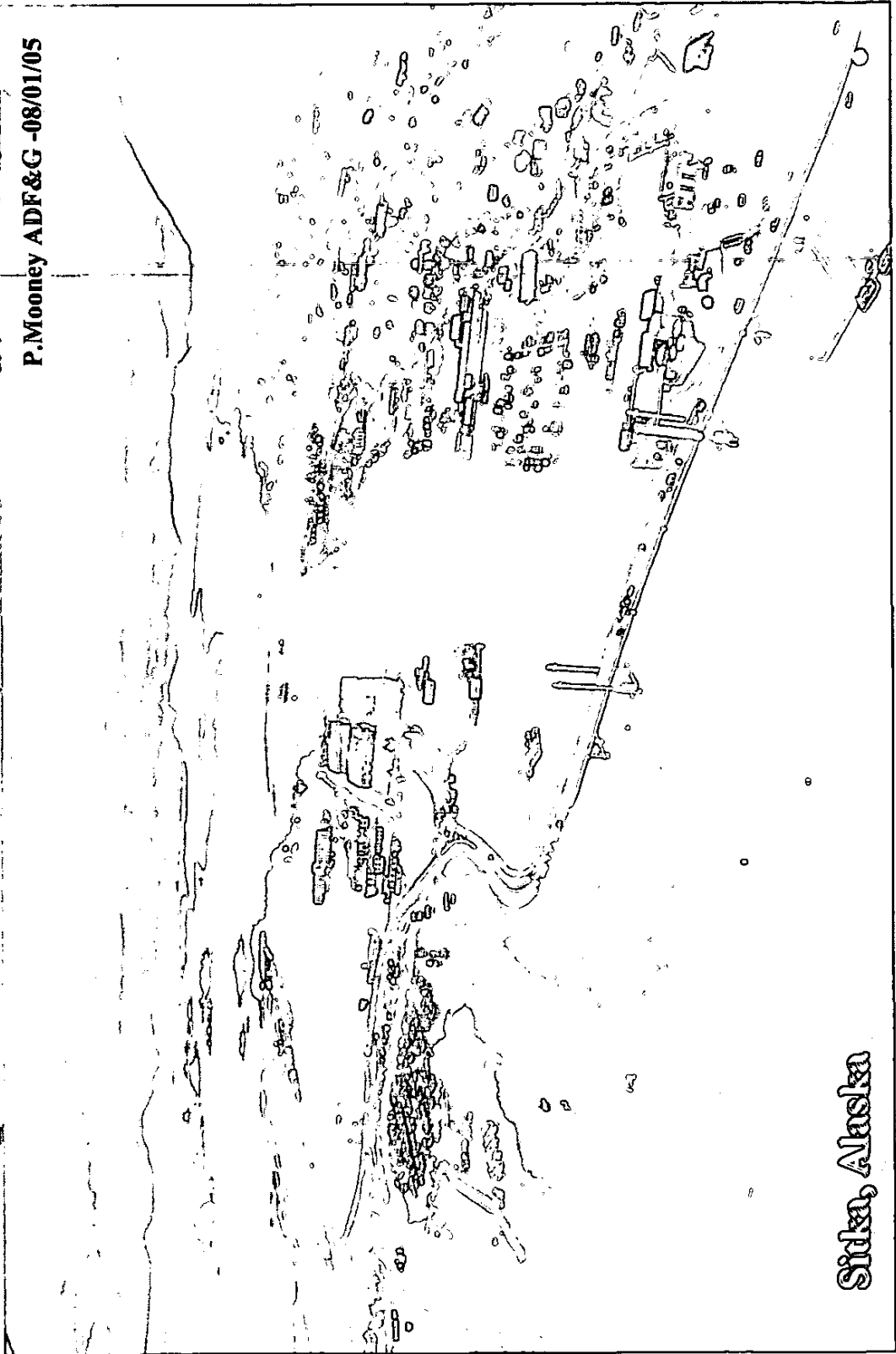
- Consider site-specific conditions and develop alternatives to resolve remaining issues

37 Mile Creek, Fairbanks Alaska

Be Realistic

• Anticipate community and economic growth

P.Mooney ADF&G -08/01/05

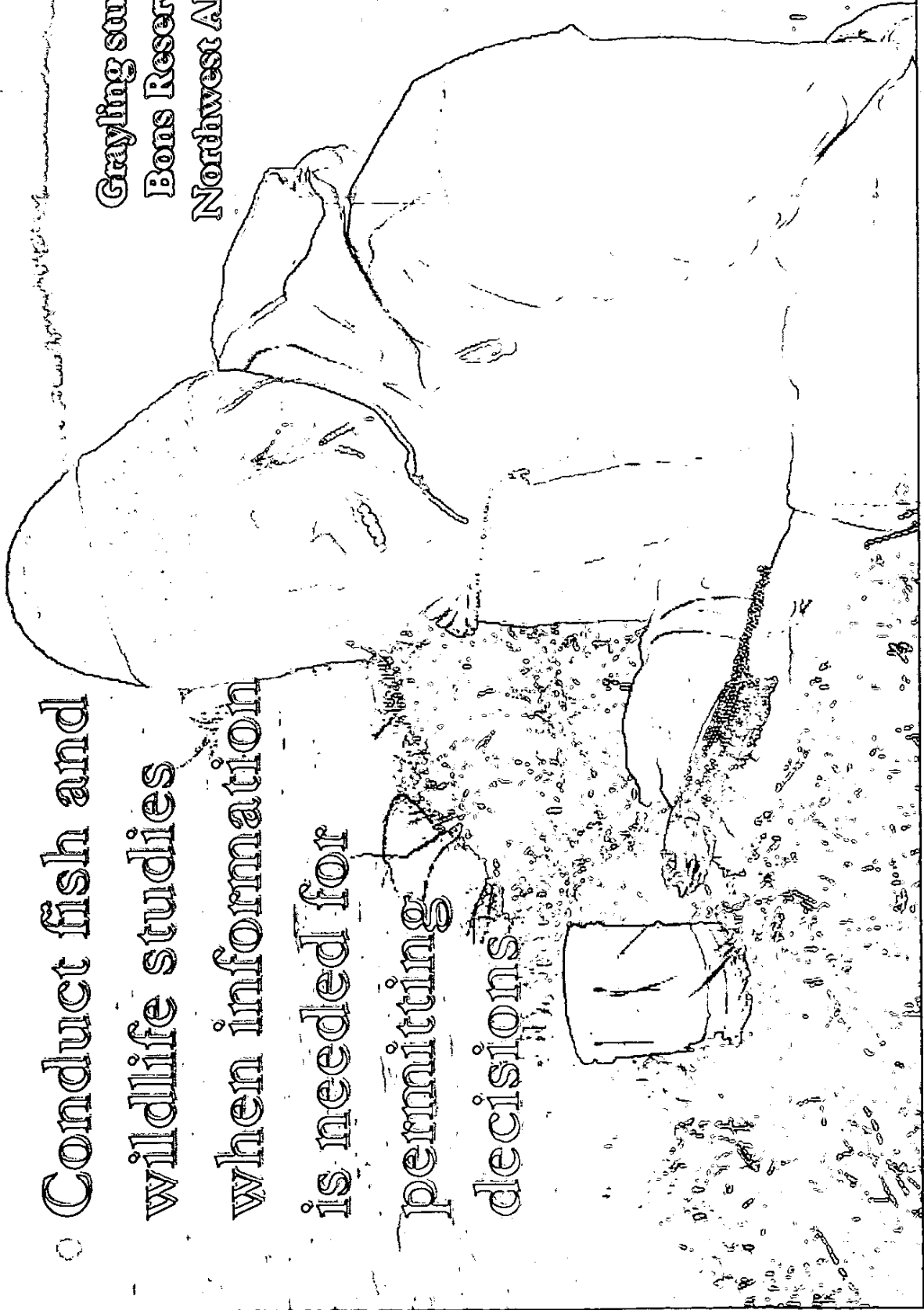


Sitka, Alaska

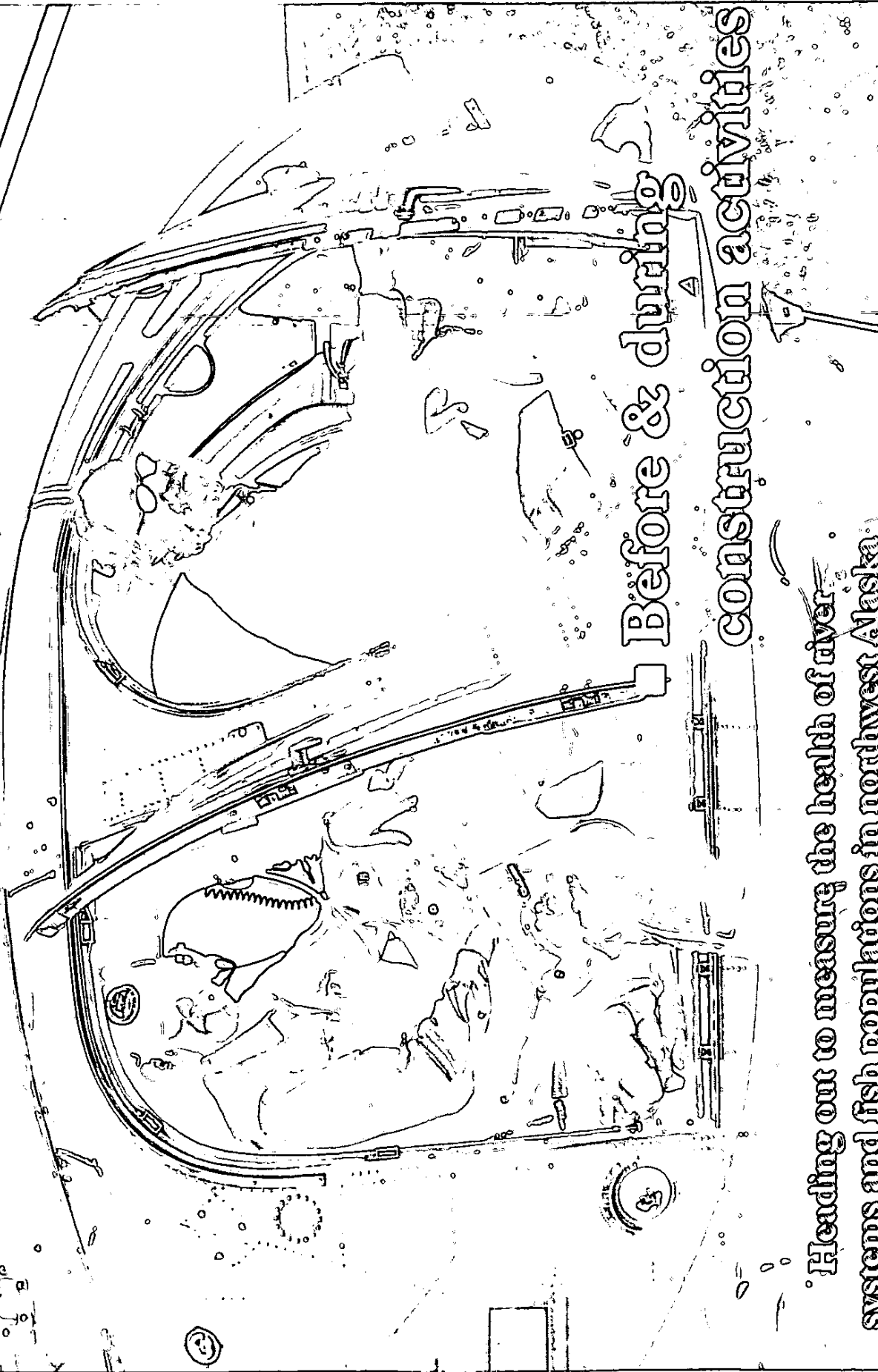
Research

Conduct fish and
wildlife studies
when information
is needed for
permitting
decisions

Grayling studies
Bons Reservoir
Northwest Alaska



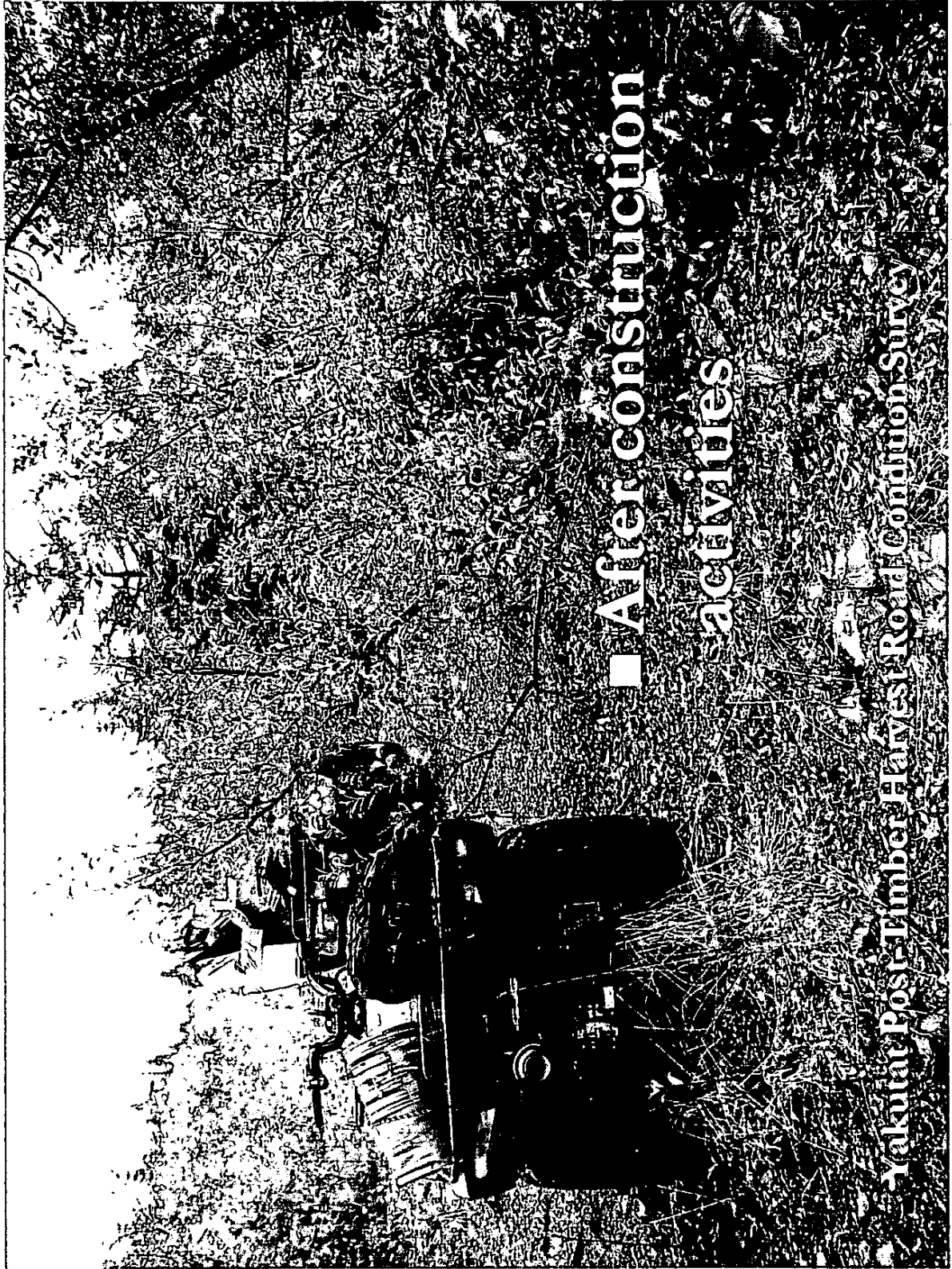
G-FMA Monitor Projects



Before & during
construction activities

Heading out to measure the health of river systems and fish populations in northwest Alaska

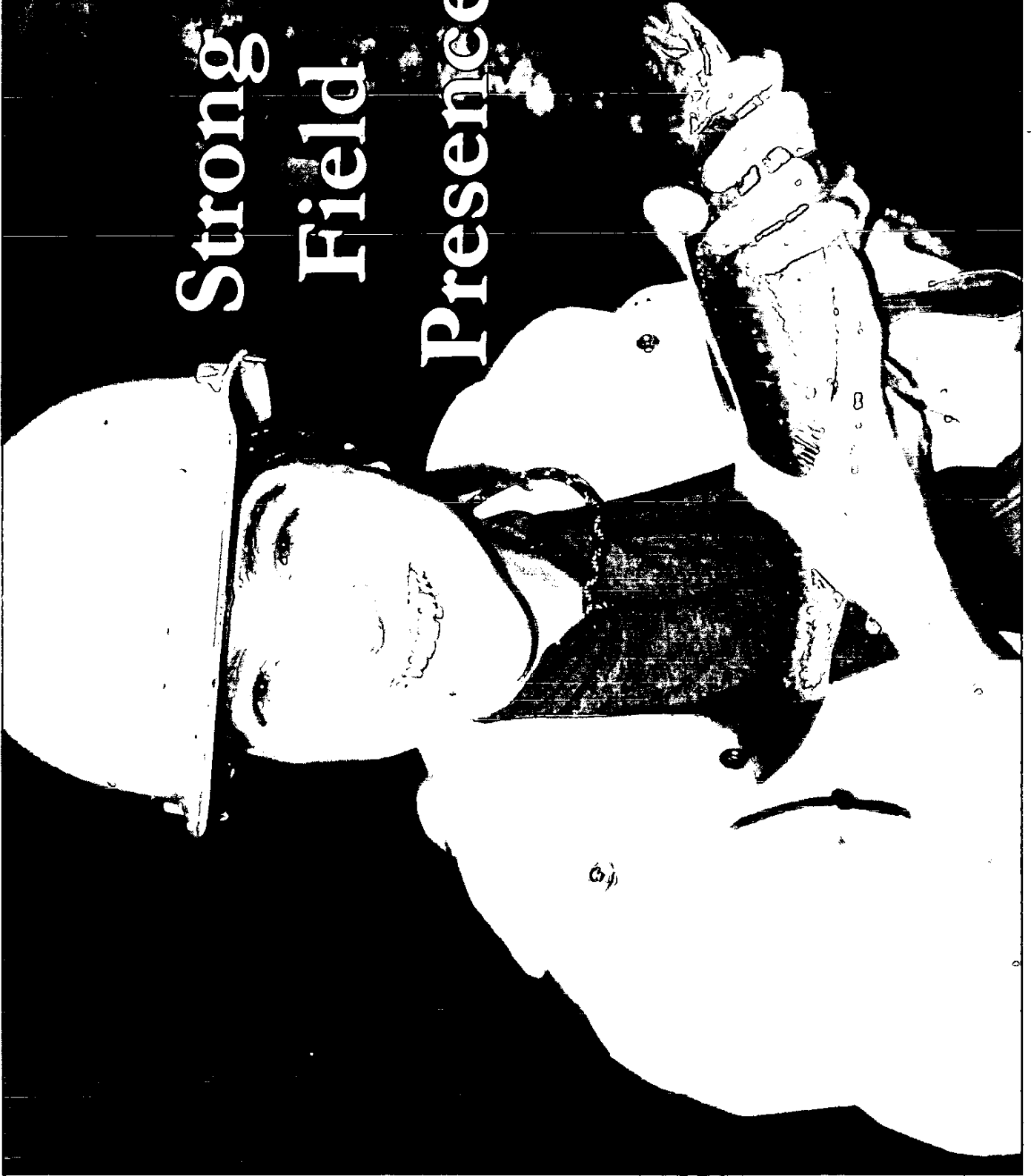
Monitor Projects



■ After construction activities

Yakutat Post-Timber Harvest Road Condition Survey

Strong Field Presence



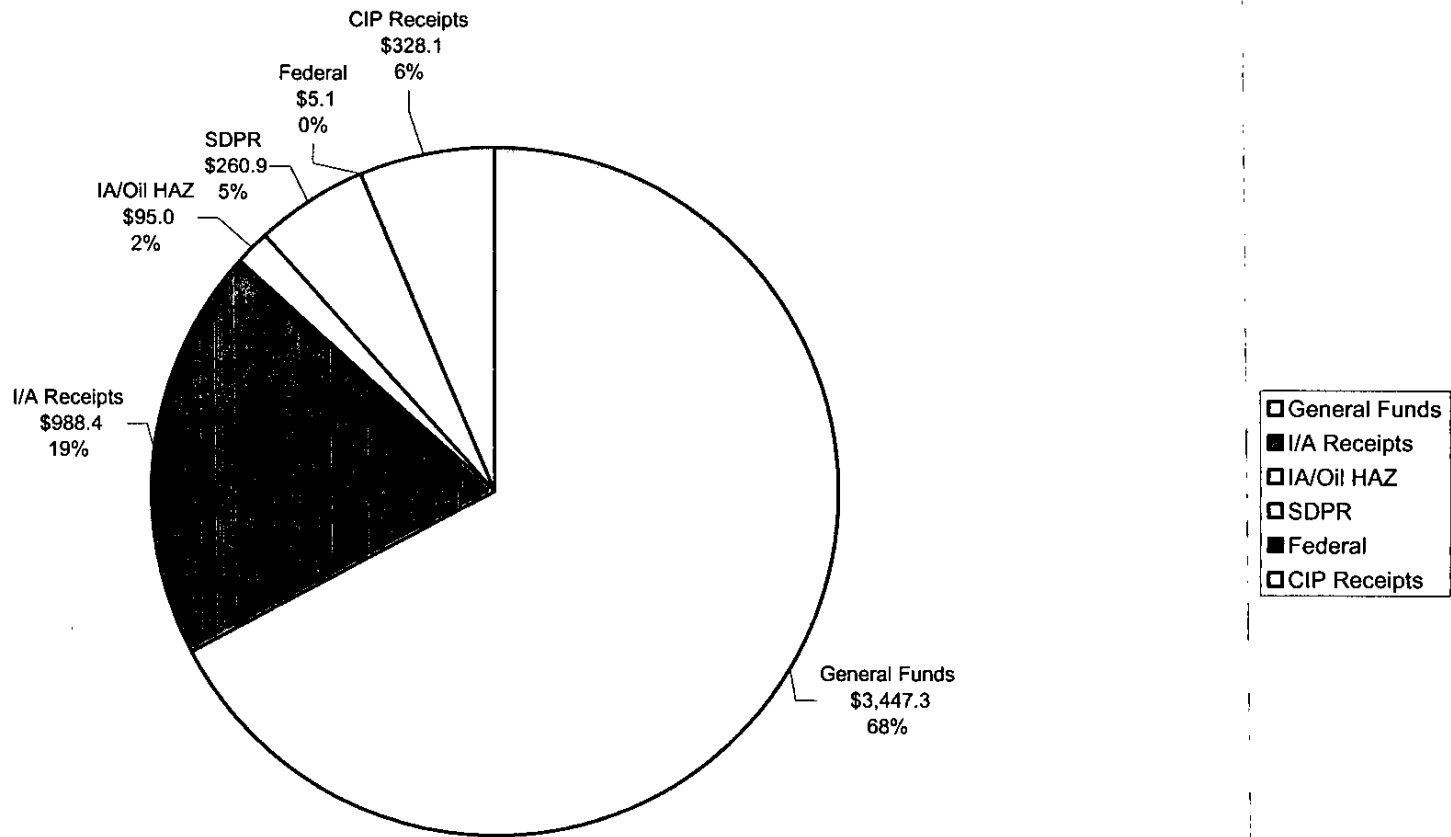
Questions?



Habitat FY10 Estimated Budget Line Item Projections By Funding Source

Fund Source	Line 100	Line 200	Line 300	Line 400	Line 500	Total by Funding Source
General Funds	\$2,733.3	\$175.0	\$428.6	\$110.4	\$0.0	\$3,447.3
Interagency Receipts	\$783.6	\$31.5	\$152.3	\$21.0	\$0.0	\$988.4
Interagency Receipts/Oil & Hazardous Waste	\$78.0	\$0.0	\$17.0	\$0.0	\$0.0	\$95.0
Capital Improvement Receipt	\$328.1	\$0.0	\$0.0	\$0.0	\$0.0	\$328.1
Federal	\$0.0	\$0.0	\$5.1	\$0.0	\$0.0	\$5.1
Statutory Designated Program Receipts	\$181.3	\$9.2	\$61.9	\$8.5	\$0.0	\$260.9
					\$0.0	
Total by Line Amount	\$4,104.3	\$215.7	\$664.9	\$139.9	\$0.0	\$5,124.8

Department of Fish and Game Division of Habitat FY10 Funding Sources



Performance

State of Alaska > Governor > OMB > Performance > Agency List > Habitat Mgt & Permitting

Department of Fish and Game

Habitat

Results Summary | Details | Questions/Comments

Mission

Protect Alaska's valuable fish and wildlife resources and their habitats as Alaska's population and economy continue to expand.

Core Services

- Review applications and issue permits for activities in anadromous waterbodies and fish-bearing waters and legislatively designated Special Areas (Title 16); provide expertise to protect important fish and wildlife habitat; monitor authorized projects and conduct compliance actions.
- Maintain and revise the Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes.
- Manage Alaska's Special Areas in accordance with legislative guidelines; prepare and update management plans for these areas.
- Review proposed timber harvest activities; conduct field inspections; work cooperatively with timber operators and other governmental agencies.
- Review development projects (e.g., oil and gas, hard-rock mining, roads, T16 elements of hydropower projects) authorized under other agencies' authorities.
- Conduct applied research to develop methods and means to minimize impacts of development projects on fish and wildlife resources.

End Result: >>>	Strategies to Achieve End Result
<p>A: Protect Alaska's valuable fish and wildlife resources and their habitats during resource development activities. Details ></p> <ul style="list-style-type: none"> • TARGET #1: 100% of resource developers meet agency requirements for protection of fish, wildlife, and their habitats. • STATUS #1: In FY08, 99.74% of all developers were in compliance with issued Fish Habitat permits, just short of the target. 	<p>A1: Enhance our Fish Habitat and Special Area review processes by reviewing projects in a timely manner, adding appropriate conditions to protect resources, and monitoring, as needed. Details ></p> <ul style="list-style-type: none"> • TARGET #1: 8.25-day average permit review timeframe for Fish Habitat Permits • STATUS #1: In FY 08, Fish Habitat permits were reviewed and issued in an average of 5.7 days, statewide, meeting the target. • TARGET #2: 100% of Fish Habitat permit applications are reviewed and either: 1) approved as proposed; 2) approved after modification with appropriate conditions to protect resources; or 3) denied if resources could not be protected. • STATUS #2: Habitat moved back to ADF&G in FY 09. With the move, this statistic was reworded from previous years. Data for this revised statistic will be available beginning in FY 09. • TARGET #3: 15-day average permit review time for Special Area permits. • STATUS #3: Habitat moved back to ADF&G in FY 09 and resumed Special Area permitting responsibilities. Data for this statistic will be available beginning in FY 09. • TARGET #4: 100% of Special Area Permit applications are reviewed and either: 1) approved as proposed; 2) approved after modification with appropriate conditions to protect resources; or 3) denied if resources could not be protected. • STATUS #4: Habitat moved back to ADF&G and resumed responsibility for the issuance of Special Area permits. Data for this statistic will be available beginning in FY 09. <p>A2: Actively and timely participate in coordinated project reviews to ensure appropriate protection of important habitats. Details ></p> <ul style="list-style-type: none"> • TARGET #1: 10.4-day average timeframe for a coordinated project review. • STATUS #1: In FY 08, coordinated project reviews were

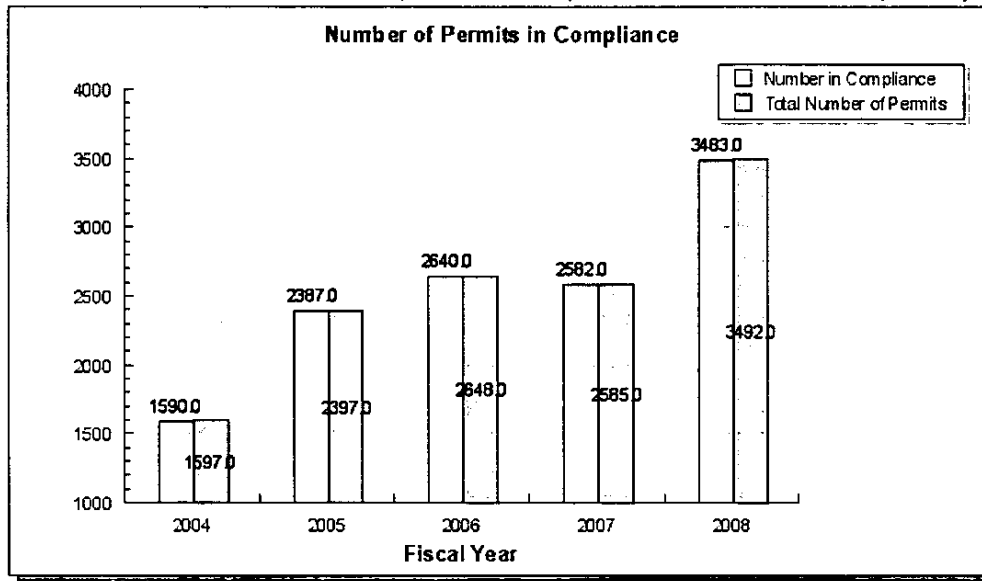
	<p>completed in an average of 8.4 days, statewide, meeting the target.</p> <ul style="list-style-type: none"> ● TARGET #2: 93.0% of projects in a coordinated process are reviewed to ensure appropriate protection of important habitat. ● STATUS #2: In FY 08, 94.6% projects in a coordinated process were reviewed to ensure appropriate protection of important habitat, exceeding the target of 93%. <p>A3: A3: Continue to actively manage legislatively designated Special Areas by developing and updating management plans. Details ></p> <ul style="list-style-type: none"> ● TARGET #1: One Special Area management plan completed or revised each fiscal year. ● STATUS #1: Habitat moved back to ADF&G in FY 09 and resumed Special Area planning duties. In FY 08, Sport Fish Division, who previously managed these areas, expected to complete a plan for the Izembek State Game Refuge and to revise the existing plans for 2 areas—McNeil River State Game Refuge and McNeil River State Game Sanctuary.
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Performance Detail

A: Result - Protect Alaska's valuable fish and wildlife resources and their habitats during resource development activities.

Target #1: 100% of resource developers meet agency requirements for protection of fish, wildlife, and their habitats.

Status #1: In FY08, 99.74% of all developers were in compliance with issued Fish Habitat permits, just short of the target.



Methodology: Total numbers of permits in compliance compared to total number of permits.

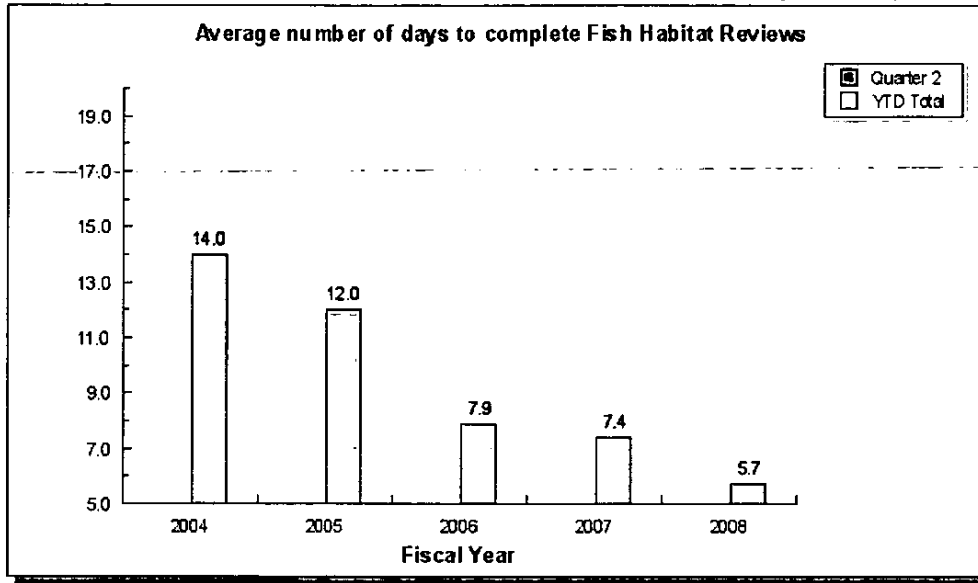
Analysis of results and challenges: In FY 08, 99.74% of all developers were in compliance with Fish Habitat permits. The above percentage reflects projects where permits have been successfully issued and the developer is in compliance with their approved permit conditions. This percentage is an indication of our success in protecting fish, wildlife, and their habitats, while allowing approvable development activities to proceed. Further, the number of Fish Habitat permit applications has remained high, and increased substantially in FY 08. Trend-wise, this data indicates that Habitat continues to consistently achieve a high level of habitat protection simultaneous with increased permit activity.

In FY09, Habitat moved back to ADF&G and resumed responsibility for issuance of Special Area Permits. Beginning in FY 09, this statistic will also reflect compliance with Special Area permits.

A1: Strategy - Enhance our Fish Habitat and Special Area review processes by reviewing projects in a timely manner, adding appropriate conditions to protect resources, and monitoring, as needed.

Target #1: 8.25-day average permit review timeframe for Fish Habitat Permits

Status #1: In FY 08, Fish Habitat permits were reviewed and issued in an average of 5.7 days, statewide, meeting the target.



Methodology: Average permit review time, statewide.

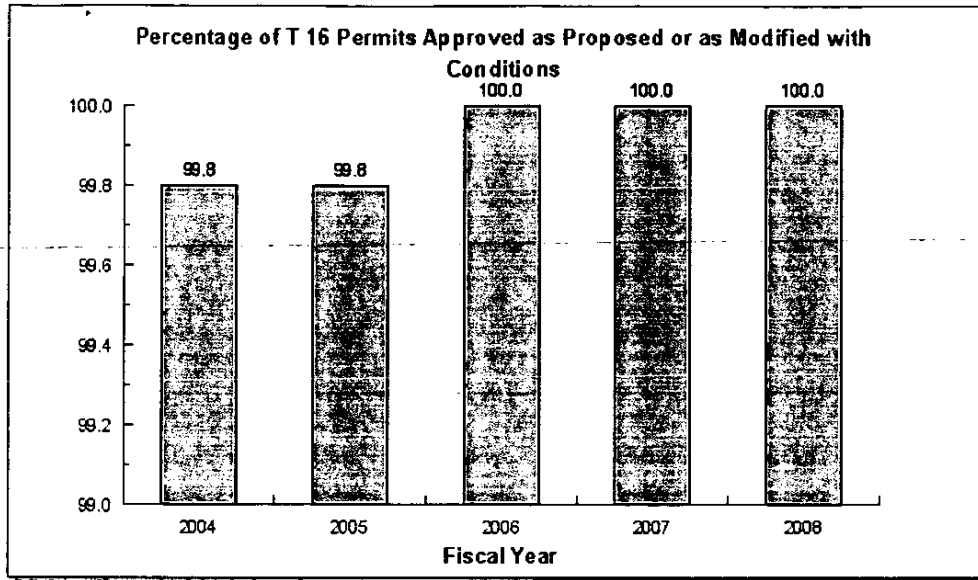
Average number of days to complete Fish Habitat Reviews

Fiscal Year	Ave. # of Days
FY 2008	5.7
FY 2007	7.4
FY 2006	7.9
FY 2005	12
FY 2004	14

Analysis of results and challenges: The Habitat Division quickly processes permit applications and our average review timeframe continues to improve. Our FY 08 average was 5.7 days. This statistic indicates that our permits are timely issued, and development activities are not delayed by our permit decision. Further, the number of T16 applications increased significantly in FY 08. For FY 09, our target average permit review timeframe is 8.25 days (the previous 4-year performance average).

Target #2: 100% of Fish Habitat permit applications are reviewed and either: 1) approved as proposed; 2) approved after modification with appropriate conditions to protect resources; or 3) denied if resources could not be protected.

Status #2: Habitat moved back to ADF&G in FY 09. With the move, this statistic was reworded from previous years. Data for this revised statistic will be available beginning in FY 09.



Methodology: Percentage of all Fish Habitat permits the Division is able to approve, as proposed, or as modified by conditions to protect resources.

Percentage of T 16 Permits Approved as Proposed or as Modified with Conditions

Fiscal Year	% of Permits Approved
FY 2008	100
FY 2007	100
FY 2006	100
FY 2005	99.8
FY 2004	99.8

Analysis of results and challenges: A priority of the Division of Habitat is the review of Fish Habitat permit applications. We also work closely with applicants to develop projects that help protect resources, even before applications are submitted to us for review. Possible outcomes of our review are approving applications as proposed, modifying applications with appropriate conditions to protect resources, or denying applications. This statistic is an indication of the quality of our review. Typically less than 1% of permits are denied or withdrawn, which means that Habitat is successful in reviewing and authorizing appropriate development activities while simultaneously protecting fish and fish habitat. Trend-wise, this data indicates that Habitat consistently is able to approve permits while protecting the natural resources we manage.

Target #3: 15-day average permit review time for Special Area permits.

Status #3: Habitat moved back to ADF&G in FY 09 and resumed Special Area permitting responsibilities. Data for this statistic will be available beginning in FY 09.

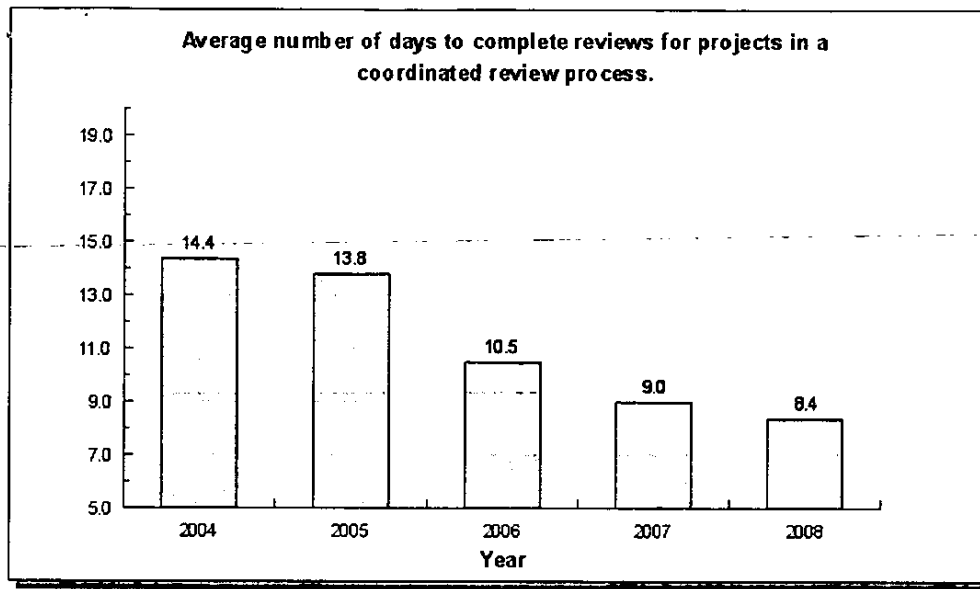
Target #4: 100% of Special Area Permit applications are reviewed and either: 1) approved as proposed; 2) approved after modification with appropriate conditions to protect resources; or 3) denied if resources could not be protected.

Status #4: Habitat moved back to ADF&G and resumed responsibility for the issuance of Special Area permits. Data for this statistic will be available beginning in FY 09.

A2: Strategy - Actively and timely participate in coordinated project reviews to ensure appropriate protection of important habitats.

Target #1: 10.4-day average timeframe for a coordinated project review.

Status #1: In FY 08, coordinated project reviews were completed in an average of 8.4 days, statewide, meeting the target.



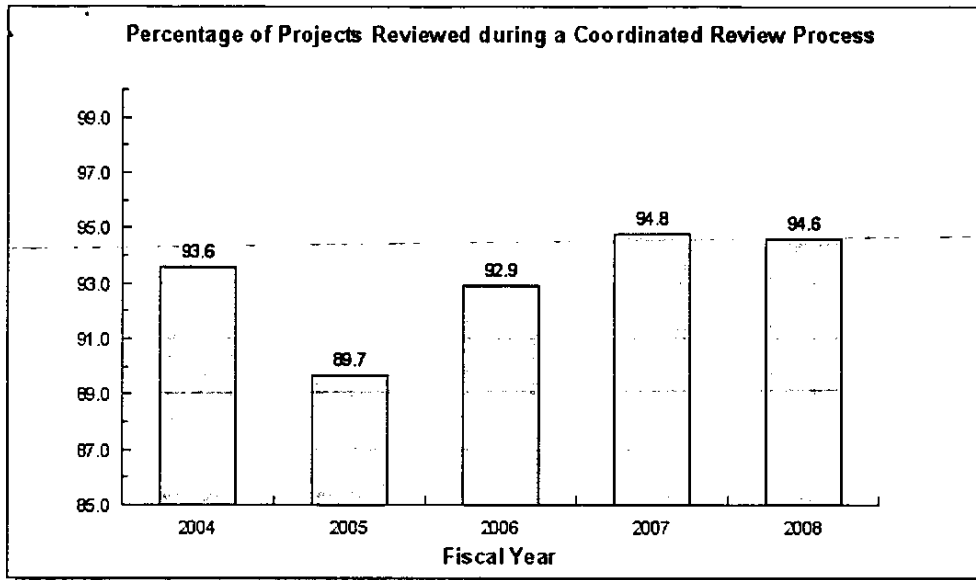
Methodology: Average number of days to submit comments on projects undergoing a coordinated review, statewide.

Average number of days to complete reviews for projects in a coordinated review process.

Year	Ave. # of Days
2008	8.4
2007	9.0
2006	10.5
2005	13.8
2004	14.4

Analysis of results and challenges: The Habitat Division quickly reviews projects in a multi-agency, coordinated review process, and our review timeframe continues to improve. Our FY 08 average review time for this activity was 8.4 days. This statistic indicates that our project review comments are timely submitted and development activities are not delayed by our review. Further, the number of projects reviewed continues to remain high. For FY 05, 06, 07, and 08 the numbers were 831, 1048, 1103, and 866 respectively. For FY 08, we are revising our target to 10.4 days (the previous 4-year performance average).

Target #2: 93.0% of projects in a coordinated process are reviewed to ensure appropriate protection of important habitat.
Status #2: In FY 08, 94.6% projects in a coordinated process were reviewed to ensure appropriate protection of important habitat, exceeding the target of 93%.



Methodology: The percentage of all coordinated project reviews that Habitat is able to review to ensure protection of important habitat.

Percentage of Projects Reviewed during a Coordinated Review Process

Fiscal Year	% of Projects Reviewed
FY 2008	94.6
FY 2007	94.8
FY 2006	92.9
FY 2005	89.7
FY 2004	93.6

Analysis of results and challenges: The Habitat Division also participates in the coordinated review of proposed resource development activities to ensure protection of important habitat. In FY 08, we participated in 94.6% of these coordinated reviews, indicating that Habitat is able to review the vast majority of proposed activities for habitat issues. For FY 08, we are revising our target to 93.0% (the previous 4-year average), which will ensure participation at a very high level.

A3: Strategy - A3: Continue to actively manage legislatively designated Special Areas by developing and updating management plans.

Target #1: One Special Area management plan completed or revised each fiscal year.

Status #1: Habitat moved back to ADF&G in FY 09 and resumed Special Area planning duties. In FY 08, Sport Fish Division, who previously managed these areas, expected to complete a plan for the Izembek State Game Refuge and to revise the existing plans for 2 areas—McNeil River State Game Refuge and McNeil River State Game Sanctuary.

Number of Special Area Management Plans Completed or Revised

Fiscal Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
FY 2009					

Methodology: Number of Special Area Management Plans that are completed or revised.

< [Return to Agency list](#)

Current as of Dec 29 2008 17:02:57

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