

State of Alaska  
Coastal Impact Assistance Program

**FINAL PLAN 2008**

**APPENDIX B**  
**Proposed Project Descriptions**

***State of Alaska Projects***

Tier 1 projects  
Tier 2 Projects

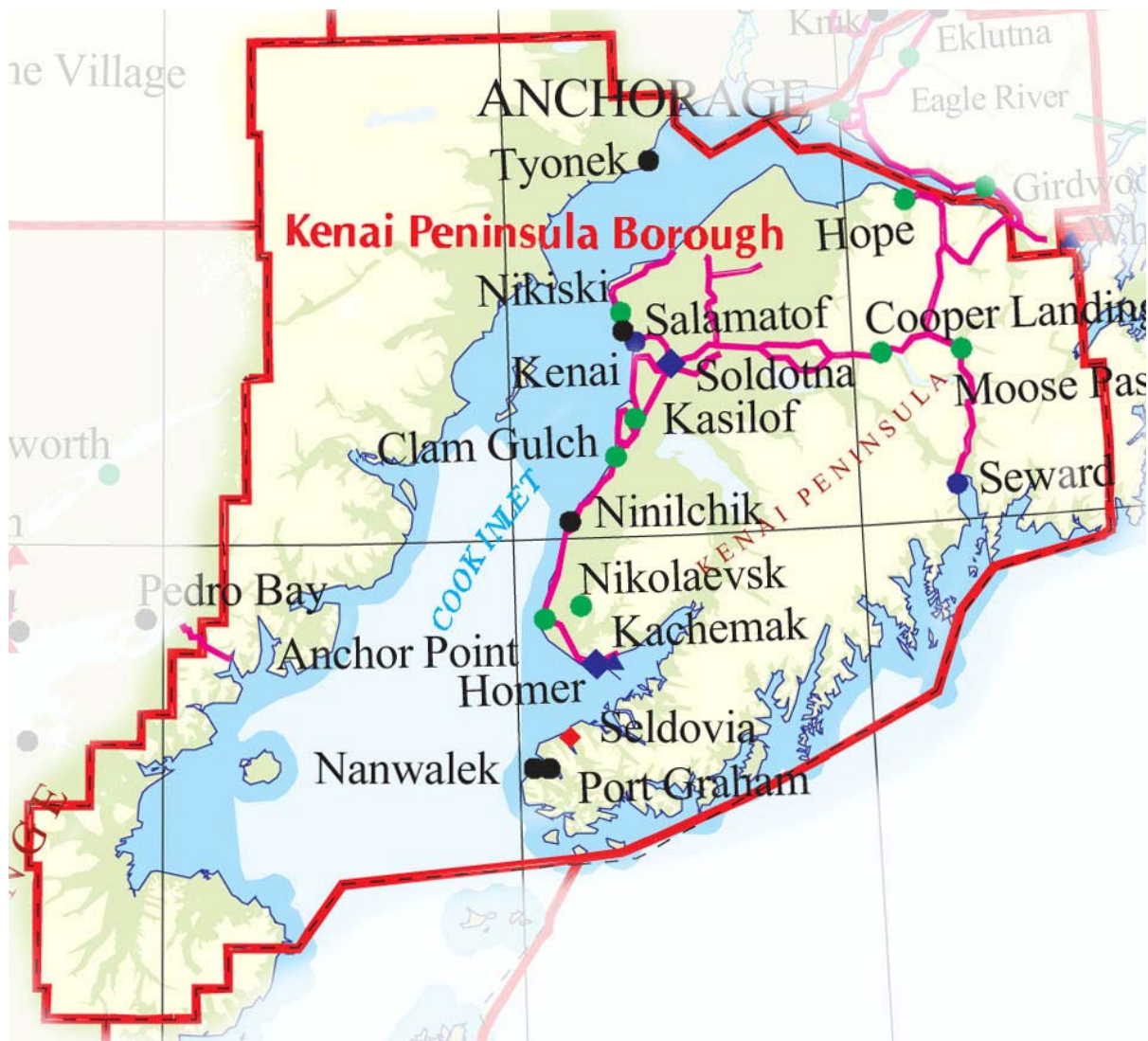
***Coastal Political Subdivision Projects***

Municipality of Anchorage – Tier 1  
Kenai Peninsula Borough – Tier 1  
Kodiak Island Borough – Tier 1  
Kodiak Island Borough – Tier 2  
Lake and Peninsula Borough – Tier 1  
Matanuska – Susitna Borough – tier 1  
North Slope Borough – Tier 1  
Northwest Arctic Borough – Tier 1  
Northwest Arctic Borough – Tier 2

# KENAI PENINSULA BOROUGH

## TIER 1 CIAP PROJECTS

1. Crooked Creek Bank Restoration and Habitat Protection
2. Kasilof Personal Use Fisheries Habitat Protection Assistance
3. Crooked Creek State Recreational Area River Bank Restoration
4. CIAP Planning and Administration



STATE OF ALASKA  
COASTAL IMPACT ASSISTANCE PLAN

KENAI PENINSULA BOROUGH

**PROJECT TITLE: Crooked Creek Bank Restoration and Habitat Protection Project**

**PROJECT CONTACT:**

Gary Williams, Kenai Peninsula Borough Coastal District Program Coordinator  
514 Funny River Road, Soldotna, Alaska 99669  
Telephone Number: (907) 714-2216  
Fax Number: (907) 260-5992  
E-Mail: [gwilliams@borough.kenai.ak.us](mailto:gwilliams@borough.kenai.ak.us)

**PROJECT LOCATION:**

Crooked Creek is a tributary of the Kasilof River, which is located on the western Kenai Peninsula in southern Alaska. The Kasilof River begins at Tustumena Lake and flows northwest to Cook Inlet near the community of Kasilof. Both the Kasilof River and Crooked Creek are located within the coastal zone.

**PROJECT DURATION:**

1 Year

**ESTIMATED COST:**

Spending Estimate (\$)	
TOTAL	Year 1
15,000	15,000

Funding per Allocation Year of CIAP (\$)				
TOTAL	FY 07	FY 08	FY 09	FY 10
15,000	15,000	0	0	0

**PROJECT DESCRIPTION:**

This project will restore the riparian habitat of a section of a fish stream whose banks are composed of very steep, unstable and un-vegetated loose gravel. The restoration will create habitat for several species of anadromous fish and protect the stream bank from further habitat degradation. The restoration process is called Brush Layering and will involve placing a coir log at the toe of the area being restored followed by a thick layer of willow cuttings and a layer of soil covered by revegetation fabric. The final process includes a revegetated mat placed well above the high water mark. The work will be performed by a qualified contractor.

**MEASURABLE GOALS AND OBJECTIVES:**

Restore and protect the riparian habitat in the project area by placing 80 linear feet of brush layering according to technical standards as described in the Streambank Revegetation and Protection, A Guide for Alaska, 2005 revised edition.

**PROJECT CONSISTENCY WITH CIAP AUTHORIZED USE:**

The proposed project activities are most closely aligned with CIAP Authorized Use #1, Project and activities for the conservation, protection, or restoration of coastal areas.

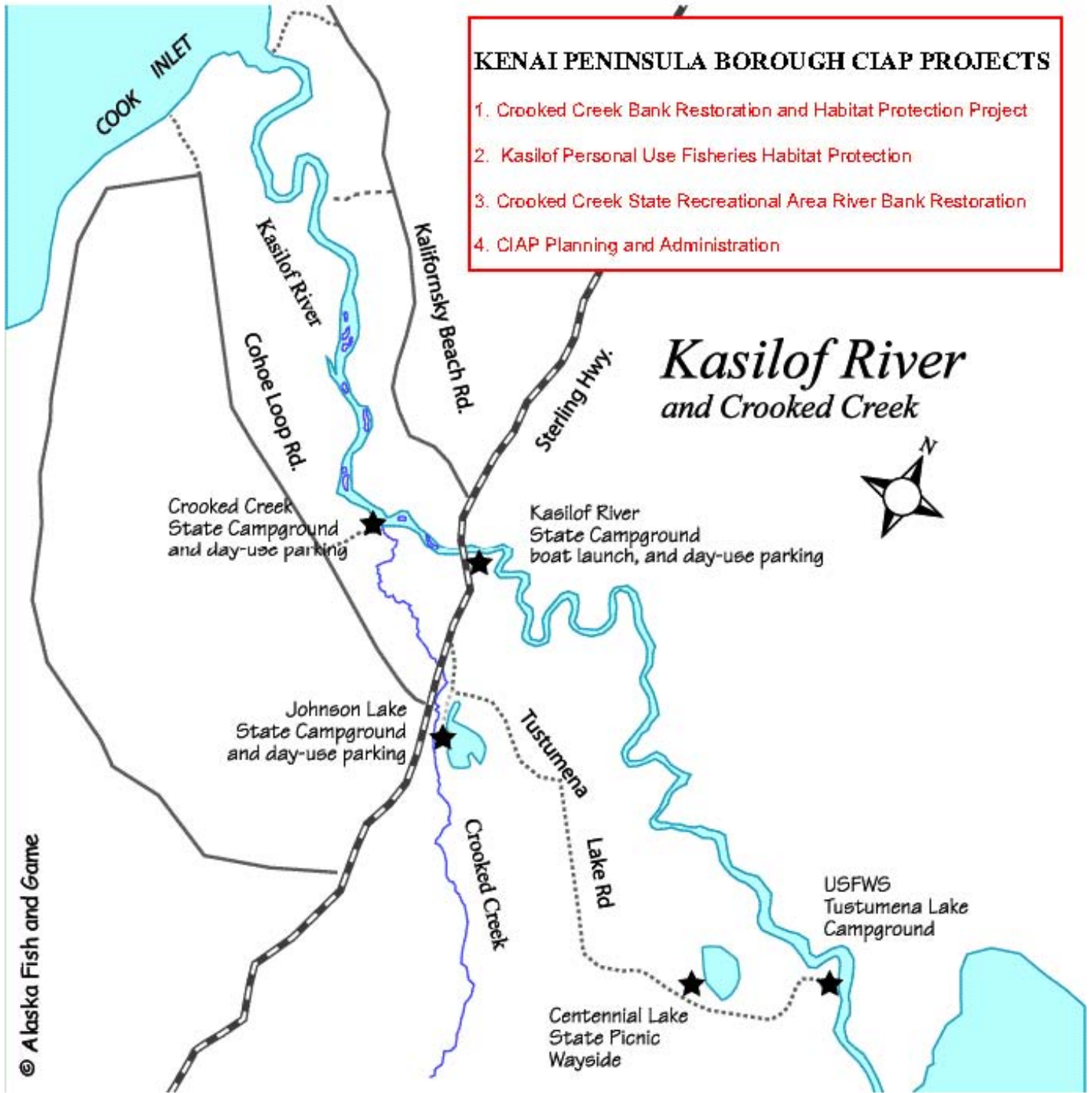
Crooked Creek is a major tributary to the Kasilof River and supports spawning and rearing or substantial runs of chinook and coho salmon and one of the northernmost steelhead runs. The creek is experiencing increasing stream bank use and impact by visitors viewing salmon and by fishers but receives little conservation attention and funding compared to the nearby Kenai River. This project will restore the bank and riparian habitat along a portion of the river which has eroded due to the increased foot traffic. This approach will protect the area being restored until it has returned to a natural state.

**COORDINATION WITH FEDERAL RESOURCES OR PROGRAMS:**

The Kenai Peninsula Borough developed this project in coordination with the Kenai River Center, a state and federal multi-agency resource and permitting facility.

**COST SHARING OR MATCHING OF FUNDS:**

No cost sharing or matching funds have been identified for this project.



STATE OF ALASKA  
COASTAL IMPACT ASSISTANCE PLAN

KENAI PENINSULA BOROUGH

**PROJECT TITLE: Kasilof Personal Use Fisheries Habitat Protection**

**PROJECT CONTACT:**

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514 Funny River Road, Soldotna, Alaska 99669  
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**PROJECT LOCATION:**

Crooked Creek is a tributary of the Kasilof River, which is located on the western Kenai Peninsula in southern Alaska. The Kasilof River begins at Tustumena Lake and flows northwest to Cook Inlet near the community of Kasilof. The Kasilof River is located within the coastal zone.

**PROJECT DURATION:**

1 Year

**ESTIMATED COST:**

Spending Estimate (\$)	
TOTAL	Year 1
8,000	8,000

Funding per Allocation Year of CIAP (\$)				
TOTAL	FY 07	FY 08	FY 09	FY 10
8,000	8,000	0	0	0

**PROJECT DESCRIPTION:**

This project will provide for three-porta potties and two-6 cubic yard dumpsters on the southern and northern sides of the Kasilof River during the months of May, June and July, and the first week of August 2008. Facilities provided may be adjusted as demand becomes apparent during the season. The project includes twice-weekly pick-up/cleaning of the facilities. The facilities will be placed as nearly adjacent as possible to the point where Personal Use fishers congregate. The project is initiated in response to the habitat degradation that occurs during spring and summer due to human waste pollution that is deposited on Kasilof sand dunes and riparian areas with negative effect on bird nesting

habitat and fragile sand dunes. The Kenai Peninsula Borough will begin a dialogue with agencies responsible for management of the mouth of the Kasilof River to find a long-term solution to the problem.

**MEASURABLE GOALS AND OBJECTIVES:**

The Kenai Peninsula Borough will locate three porta-potties and two-6 cubic yard dumpsters (perhaps modified as demand becomes apparent) on the southern and northern sides of the Kasilof River during the months of May, June and July and the first week of August, for one season. The Kenai Peninsula Borough will record evidence of dialogue between the Alaska Department of Natural Resources and the Borough on possible long-term solutions to this problem.

**PROJECT CONSISTENCY WITH CIAP AUTHORIZED USE:**

The proposed project activities are most closely aligned with CIAP Authorized Use #1, Project and activities for the conservation, protection, or restoration of coastal areas.

The population growth of southcentral Alaska and the popularity of personal use fishing at the mouth of the Kasilof River have out-stripped government response to habitat degradation in the area. By providing fishers with alternative bathroom and garbage facilities, this measure will offer protection and conservation to sensitive sand dunes and riparian areas at the mouth of the Kasilof River while a longer-term solution to the problem is addressed. The City of Kenai has successfully utilized porta-potties and dumpsters as a pollution mitigation measure in other high- use recreational areas. Such efforts have resulted in immediate improvements to habitat protection.

**COORDINATION WITH FEDERAL RESOURCES OR PROGRAMS:**

The Kenai Peninsula Borough will coordinate in concert with the Kenai River Center, a state and federal multi-agency resource and permitting facility, and the Alaska Department of Natural Resources to find a more permanent solution to the problem.

**COST SHARING OR MATCHING OF FUNDS:**

No cost sharing or matching funds have been identified for this project.

STATE OF ALASKA  
COASTAL IMPACT ASSISTANCE PLAN

KENAI PENINSULA BOROUGH

**PROJECT TITLE: Crooked Creek State Recreational Area River Bank Restoration**

**PROJECT CONTACT**

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514 Funny River Road, Soldotna, Alaska 99669  
Telephone Number: (907) 714-2216  
Fax Number: (907) 260-5992  
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**PROJECT LOCATION:**

Crooked Creek is a tributary of the Kasilof River, which is located on the western Kenai Peninsula in southern Alaska. The Kasilof River begins at Tustumena Lake and flows northwest to Cook Inlet near the community of Kasilof. Both the Kasilof River and Crooked Creek are located within the coastal zone.

**PROJECT DURATION:**

4 Years

**ESTIMATED COST:**

Spending Estimate (\$)				
TOTAL	Year 1	Year 2	Year 3	Year 4
189,240	30,000	53,080	53,080	53,080

Funding per Allocation Year of CIAP (\$)				
TOTAL	FY 07	FY 08	FY 09	FY 10
189,240	30,000	53,080	53,080	53,080

**PROJECT DESCRIPTION:**

The riverbank adjacent to the confluence of Crooked Creek and the Kasilof River has experienced severe trampling by fishers over many years. The bank is eroding to the extent that trees are becoming islands and fish habitat is being lost. This project will restore a portion of the damaged area by installing coir log, spruce tree revetment at the water's edge and a willow shrub mat in the adjacent upland to restore the trampled area. The restoration will occur according to technical standards as described in the Streambank Revegetation and Protection, A Guide for Alaska, 2005 revised edition. The



project will also include light penetrating walkways and stairs to enable fishers to access the river without trampling vegetation.

**MEASURABLE GOALS AND OBJECTIVES:**

Year 1:

- Install barriers in areas slated for restoration in Year 2 so further trampling of the riverbank will not occur. Create at least one low impact access point for anglers to use during restoration.
- Install at least one sign at the restoration site to acknowledge the source of funding, to describe the purpose for the project, to direct fishers to appropriate access points, and to protect the area of restoration from access.

Year 2:

- Restore 100 feet of riverbank by installing spruce tree revetment, coir log, willow shrub mat and other restorative measures as appropriate.
- Maintain at least one sign to acknowledge the source of funding, to describe the purpose for the project, to direct fishers to appropriate access points, and to protect the restored area from access public access.
- Maintain at least one low impact public access point to enable the public to access the river.
- Maintain barriers around the restored area as needed to protect restored areas.

Year 3:

- Restore 100 feet of riverbank (200 feet total) by installing spruce tree revetment, coir log, willow shrub mat and other restorative measures as appropriate.
- Install and maintain barriers around the restored areas as needed to protect the restored area from public access.
- Maintain at least one sign to acknowledge the source of funding, to describe the purpose for the project, to direct fishers to appropriate access points, and to protect the area of restoration from access.
- Maintain at least one low impact public access point to enable the public to access the river.
- Maintain barriers around areas restored in previous years as needed to protect restored areas.

Year 4:

- Install 70 linear feet of light penetrating walkways and stairways.

- Maintain at least 1 sign to acknowledge the source of funding, to describe the purpose for the project, to direct fishers to appropriate access points, and to protect the area of restoration from access.
- Maintain at least one low impact public access points to enable the public to access the river.
- Maintain barriers around areas restored in previous years as needed to protect restored areas.

**PROJECT CONSISTENCY WITH CIAP AUTHORIZED USE**

The proposed project activities are most closely aligned with CIAP Authorized Use #1, *Project and activities for the conservation, protection, or restoration of coastal areas.*

This area has been heavily impacted by fishers for many years without riparian management to keep the river bank from being eroded by foot traffic. The project will restore riverbank and riparian habitat along a portion of the affected area. This approach will protect the area being restored until it has returned to a natural state.

**COORDINATION WITH FEDERAL RESOURCES OR PROGRAMS:**

The Kenai Peninsula Borough developed this project in coordination with the Kenai River Center, a state and federal multi-agency resource and permitting facility.

**COST SHARING OR MATCHING OF FUNDS:**

It is unclear at this time whether CIAP funds will be used for cost sharing or matching purposes. If these funds are used for these purposes, the final CIAP grant application will include a letter from the state, federal, or local agency charged with administering the program that includes the cost sharing or matching requirement indicating that the other agency's program allows the use of federal CIAP funds to meet cost sharing or matching requirements.

STATE OF ALASKA  
COASTAL IMPACT ASSISTANCE PLAN

KENAI PENINSULA BOROUGH

**PROJECT TITLE: CIAP Planning and Administration**

**PROJECT CONTACT:**

Gary Williams, Kenai Peninsula Borough Coastal District Program Coordinator  
514 Funny River Road, Soldotna, Alaska 99669  
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**PROJECT LOCATION:**

Kenai River Center, Kenai Peninsula Borough

**PROJECT DURATION:**

4 Years

**ESTIMATED COST:**

Spending Estimate (\$)				
TOTAL	Year 1	Year 2	Year 3	Year 4
25,500	6,375	6,375	6,375	6,375

Funding per Allocation Year of CIAP (\$)				
TOTAL	FY 07	FY 08	FY 09	FY 10
25,500	6,375	6,375	6,375	6,375

**PROJECT DESCRIPTION:**

The Coastal District Coordinator will manage the flow of money to projects and insure that the projects are conducted according to contractual agreements. The Coordinator will provide reports to the Kenai Peninsula Borough Administration and other state and federal entities as required.

**MEASURABLE GOALS AND OBJECTIVES:**

Contracts are effectively administered to achieve intended results. Reports are filed in a timely manner.

**PROJECT CONSISTENCY WITH CIAP AUTHORIZED USE:**

This project is consistent with CIAP Authorized Use #3: *Planning assistance and the administration of complying with this section.*

The borough has learned through previous CIAP projects that attention to the administration and contract compliance assurance is key to insuring that money is spent appropriately and maximum benefit is achieved. The Coastal Coordinator is a seasoned project and contract administrator.

**COORDINATION WITH FEDERAL RESOURCES OR PROGRAMS:**

The Coastal District Coordinator who will be managing the CIAP grants also implements the Alaska Coastal Management Program (ACMP) for the borough and manages the ACMP Grants, which are provided through Federal Section 306 and 309 funding. This connection allows for enhanced coordination of project funding efforts.

**COST SHARING OR MATCHING OF FUNDS:**

No cost sharing or matching funds have been identified for this project.