



**Ekwok Landfill and Access Road Project  
Ekwok, Alaska**

**Final Environmental Review**

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## ACRONYMS AND ABBREVIATIONS

ADCCED	Alaska Department of Commerce, Community & Economic Development
ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ADOT&PF	Alaska Department of Transportation & Public Facilities
AEA	Alaska Energy Authority
AHRS	Alaska Heritage Resources Survey
ANCSA	Alaska Native Claims Settlement Act
ATV	All Terrain Vehicle
BIA	U.S. Bureau of Indian Affairs
BMP	Best Management Practices
BOP	Beginning of Project
BBCRSA	Bristol Bay Coastal Resources Service Area
BBNC	Bristol Bay Native Corporation
CERCLA	Comprehensive Environmental Response Compensation & Liability Act
CZM	Coastal Zone Management
DCCED	Department of Commerce, Community & Economic Development
DC&OM	Division of Coastal & Ocean Management
EA	Environmental Assessment
EFH	Essential Fish Habitat
EVC	Ekwok Village Council
EO	Executive Order
EOP	End of Project
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ER	Environmental Review
FAA	Federal Aviation Administration
FONSI	Finding of No Significant Impact
IRR	Indian Reservation Roads
LRTP	Long Range Transportation Plan
NEPA	National Environmental Policy Act

NMFS	U.S. National Marine Fisheries Service
NPDES	National Pollution Discharge Elimination System
RCRA	Resource Conservation and Recovery Act
SAFETEA- LU	Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users
SHPO	State Historic Preservation Office
SWPPP	Storm Water Pollution Prevention Plan
TTIP	Tribal Transportation Improvement Program
USACE	U.S. Army Corps of Engineers
USDA RUS	U.S. Department of Agriculture, Rural Utilities Service
USF&WS	U.S. Fish and Wildlife Service
UST	Underground Storage Tank

## **EXECUTIVE SUMMARY**

The Ekwok Village Council (EVC) proposes to construct a new landfill. The EVC is a federally recognized tribe and the U.S. Department of Agriculture, Rural Utilities Service (USDA, RUS) is the lead federal agency for the proposed action.

### **PROPOSED ACTION**

Proposed improvements involve construction of a landfill west of the Ekwok community, across Klutuk Creek. The proposed landfill will have a design volume of 3,000 cy of material. It will be a single cell with room at the site for additional cells upon closure of the original cell. The original cell life is proposed at 8 years. The proposed landfill will include a separate area, outside the fence, for a metal/white goods waste site. This will serve as a recycle/reuse facility and to keep inert materials out of the landfill. This recycle/reuse area will not accept motorized equipment or appliances unless all fluids like oil, antifreeze and Freon are removed. Access to the landfill is also part of the project Environmental Review (ER) but is not to be funded from RUS grants. The access road is proposed as a two-lane road with two-foot shoulders. Most of the alignment is in uplands and the cross section will consist of three to four feet of fill and up to four inches of gravel surface. Crossing Klutuk Creek involves placing a 100-foot long, single lane bridge over the creek.

The proposed project is located in undeveloped property that consists of tundra with low lying vegetation and more upland, forested areas. The proposed project area is in the Bristol Bay Coastal Resource Service Area (BBCRSA). There is Essential Fish Habitat (EFH) in Klutuk Creek and the Nushagak River but not at the proposed landfill area. The proposed landfill does not impact any threatened or endangered species. Permits necessary include a Wetlands Permit, a Coastal Zone Consistency Determination, and a Storm Water Pollution Prevention Plan (SWPPP).

There are several small projects on going and proposed in the village. Village Safe Water (VSW) is providing water and sewer upgrading funding in 2008 and 2009. The Alaska Native Tribal Health Consortium (ANTHC) funded new clinic design in 2005 and 2006. The Alaska Department of Transportation and Public Facilities (ADOT&PF) will fund a new Snow Removal Equipment Building in 2009.

The USDA, RUS, as the lead Federal agency, will determine whether this ER and the proposed action overall would be in compliance with the National Environmental Policy Act (NEPA), as well as all other applicable federal laws and regulations, and whether there would be no significant impacts to the human environment that would require development of an Environmental Impact Statement (EIS).



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## **1.0 PURPOSE AND NEED FOR ACTION**

### **1.1 PURPOSE AND NEED**

#### **Summary**

The proposed project (Preferred Alternative) will provide a new landfill for the community of Ekwok (Figure 1). The proposed landfill will have a design volume of 3,000 cy of material. It will be a single cell with room at the site for additional cells upon closure of the original cell. The original cell life is proposed at 8 years. The proposed landfill will include a separate area, outside the fence, for a metal/white goods waste site. This will serve as a recycle/reuse facility and to keep inert materials out of the landfill. This recycle/reuse area will not accept motorized equipment or appliances unless all fluids like oil, antifreeze and Freon are removed (Figure 2). Access to the landfill was initially part of the project Environmental Review (ER). Rural Utility Service (RUS) has determined that the access road is outside the scope of their funding authorization. However, the road will be discussed in the ER so that impacts associated with it are noted. The access road is proposed as a two-lane road with two-foot shoulders. Most of the alignment is in uplands and the cross section will consist of three to four feet of fill and up to four inches of gravel surface. Crossing Klutuk Creek involves placing a 100-foot long, one lane bridge over the creek.

#### **Project Location**

The community of Ekwok is located along the Nushagak River, 43 miles northeast of Dillingham, and 285 miles southwest of Anchorage. It lies at approximately 59.349720° North Latitude and -157.475280° West Longitude. (Sec. 35, T009S, R049W, Seward Meridian.). Ekwok is located in the Bristol Bay Recording District. The community encompasses 16.0 square miles of land and 1.4 square miles of water. Ekwok is in a climatic transition zone. The primary influence is maritime, although a continental climate also affects the weather. Average summer temperatures range from 30° to 66° Fahrenheit and winter temperatures average from 4° to 30° Fahrenheit. Precipitation averages 20 to 35 inches each year. Extremely strong winds are common during winter months. Fog is prevalent during summer months. The River is ice-free from June through mid-November.

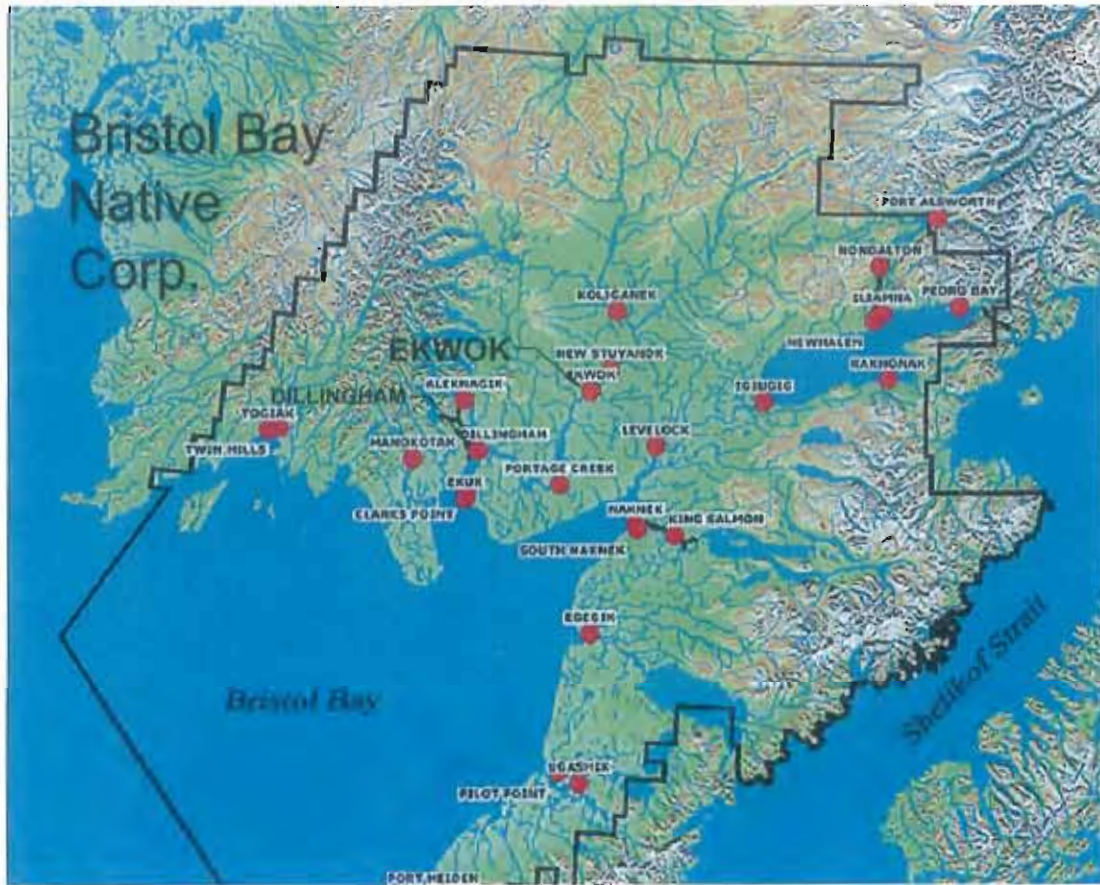
#### **Purpose**

The purpose of the proposed project is to provide a new, permitted, landfill for the community that meets current regulations and eliminates deficiencies as described below.

#### **Need**

The existing community landfill does not meet current standards for permitting and FAA requirements for separation from a runway. The existing landfill experiences uncontrolled dumping and has no signs to direct dumping practices. Hazardous wastes like antifreeze and paint thinner are not separated out from the general waste stream. Only batteries are separated out. The existing landfill is close to homes served by shallow drinking water wells. The existing burn box is not efficient and the resultant smoke is a nuisance. The current fencing is incomplete and in poor condition.

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**Location Map  
 Environmental Review**

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**Ekwok, AK  
 Ekwok Village Council**

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Drawn By:	GKJ
Checked By:	DKR
Figure No.	<b>1</b>

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**PROJECT MAP**  
**ENVIRONMENTAL REVIEW**

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**Ekwok, AK**  
**Ekwok Village Council**

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Figure No.	<b>2</b>

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## **2.0 ALTERNATIVES**

The two options that represent the most reasonable range of alternatives are the No-Action Alternative and the Preferred Alternative.

### **2.1 ALTERNATIVE 1: NO-ACTION ALTERNATIVE**

The No-Action or No-Build alternative leaves the community as is without access to an area needed for a new community landfill.

The No-Action alternative does not meet the Purpose and Need for the proposed project because it does not solve the noted deficiencies in the current landfill (too close to the airport, too close to drinking water wells, smoke pollution to residents, etc).

### **2.2 ALTERNATIVE 2: PREFERRED ALTERNATIVE**

The proposed landfill will have a design volume of 3,000 cy of material. It will be a single cell with room at the site for additional cells upon closure of the original cell. The original cell life is proposed at 8 years. The proposed landfill will include a separate area, outside the fence, for a metal/white goods waste site. This will serve as a recycle/reuse facility and to keep inert materials out of the landfill. This recycle/reuse area will not accept motorized equipment or appliances unless all fluids like oil, antifreeze and Freon are removed.

The proposed landfill, if developed east of Klutuk Creek, requires constructing a new access road and a possible bridge over the creek. The access road will need to be almost a mile long (4,000 feet). The access road is proposed as a two-lane road with two-foot shoulders. Most of the alignment is in uplands and the cross section will consist of three to four feet of fill and up to four inches of gravel surface. Crossing Klutuk Creek involves placing a 100-foot long, single lane bridge over the creek.

The proposed landfill typical section and access road typical section are on Figure 3.

#### **2.2.1 Required Permits and Other Approvals**

Permits will be acquired for the preferred alternative prior to construction. The following is a list of permits and authorizations that may be necessary for this project:

- Corps of Engineers (USACE) Section 404 Wetland Permit
- Alaska Department of Environmental Conservation (ADEC) Section 401 Water Quality Certification
- ADEC Drainage Plan Approval
- ADEC Landfill Design Approval



- Alaska Department of National Resources (ADNR) Coastal Zone Consistency Determination
- State Historic Preservation Office (SHPO) determination of “No Historic Properties Affected”
- Title 16 Fish Passage and Essential Fish Habitat Consultation
- Storm Water Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI)\*
- ADNR Mining and Reclamation Plan approval \*

\*Obtained by the Construction Contractor

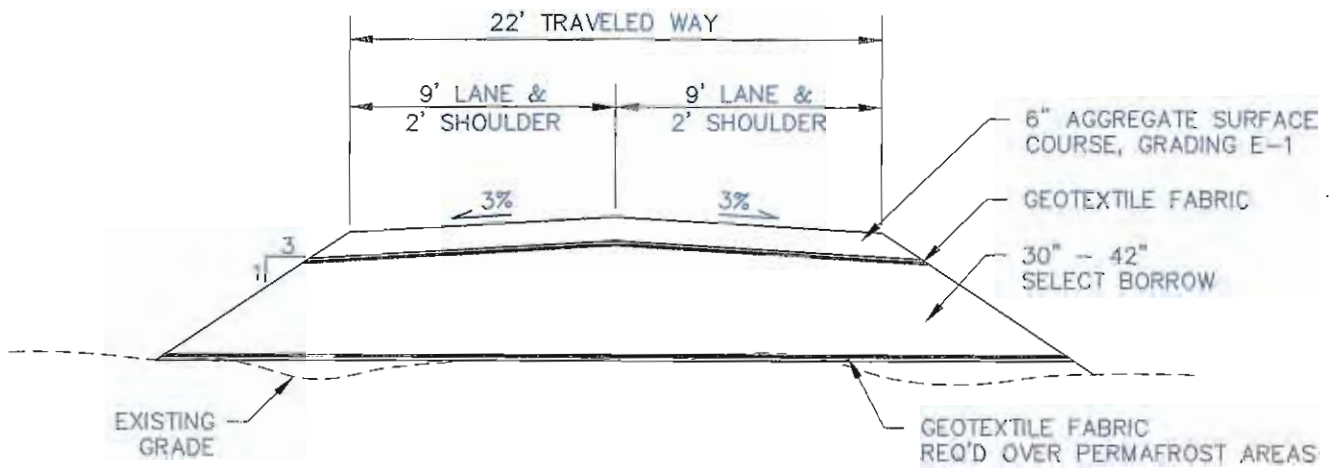
### 2.2.2 Material Sources

Material may come from an existing source in the community. The City of Ekwok has a material source near the airport that was used for the recent airport upgrade (Figure 4). The material source is in uplands and the City has surface and subsurface rights.

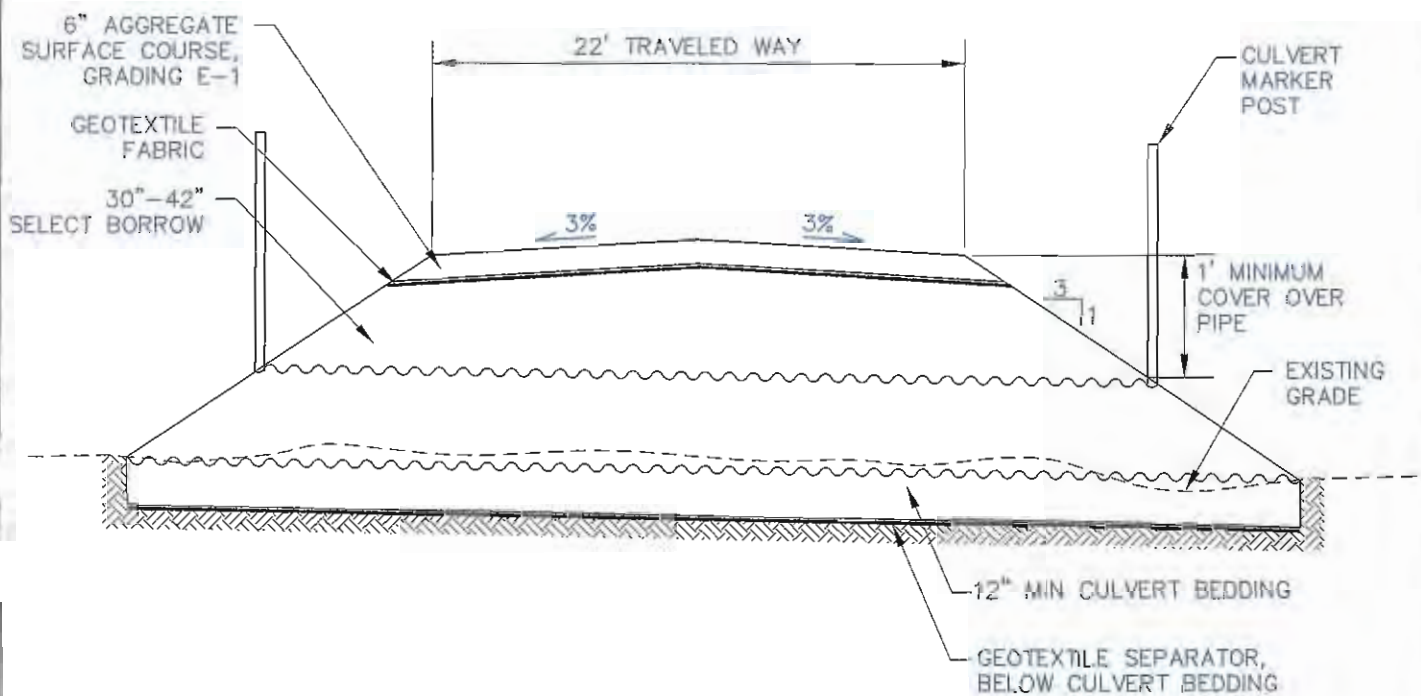
**Table 1: Material Quantities**

<b>Material</b>	<b>Amount</b>	<b>Unit</b>
Leveling Course	18,380	CY
Subbase A	4,215	CY
Surface Course	2,575	CY

- CY = Cubic Yards, SF = Square Feet



**Typical Roadway Section**



**Typical Crossing Culvert Section**



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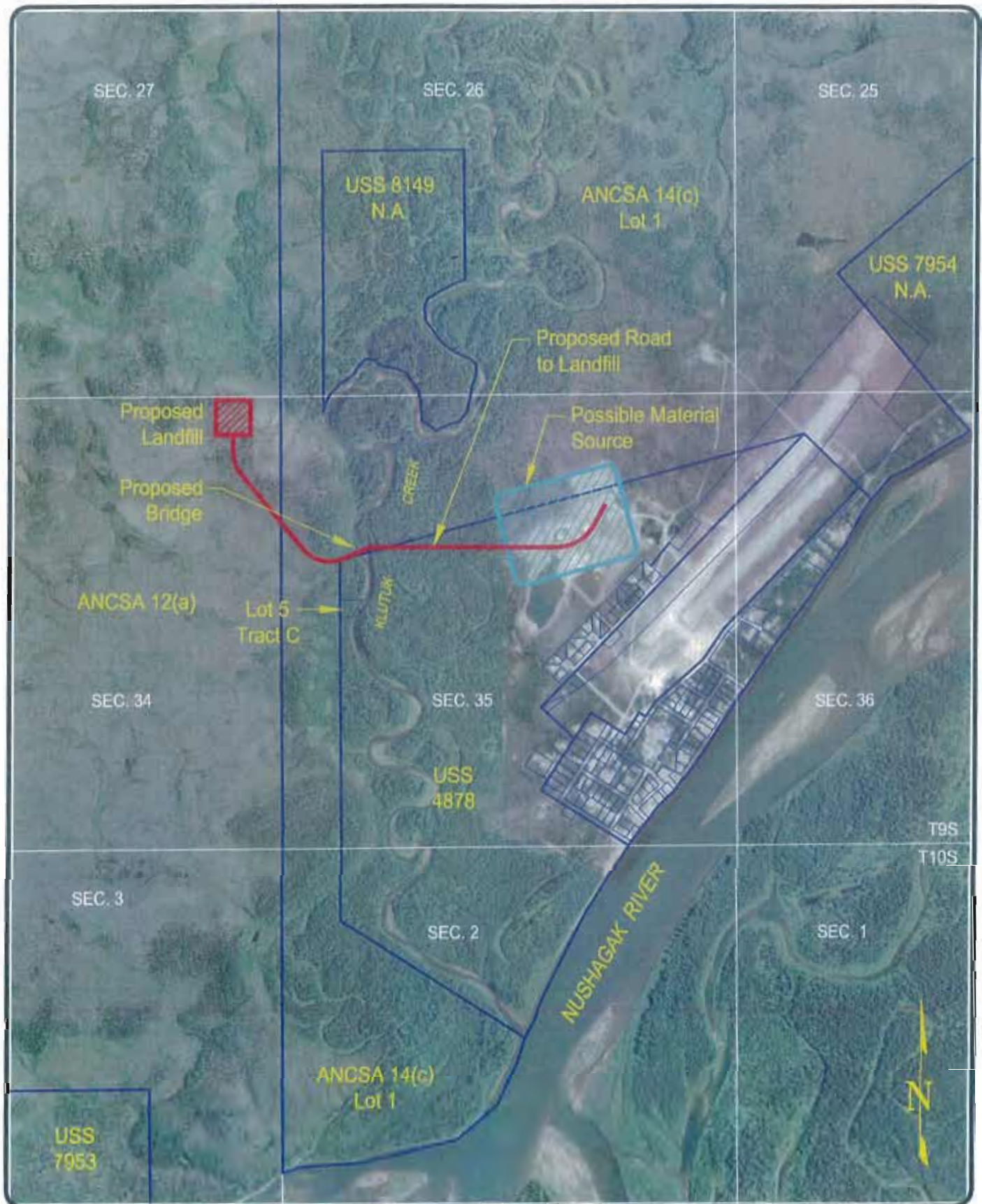
**Typical Sections  
 Environmental Review**

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**Ekwok, AK  
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**POSSIBLE MATERIAL SOURCE  
ENVIRONMENTAL REVIEW**

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### 3.0 AFFECTED ENVIRONMENT/ENVIRONMENTAL CONSEQUENCES

#### 3.1 LAND USES

Ekwok is a small, isolated village with no zoning. Land uses in the village are fairly elementary, including Native Allotments, private property, city property, State property (airport) and public streets. The City of Ekwok owns the surface and subsurface estates within the City limits.

##### 3.1.1 Farmland

There are no Prime or Unique Farmlands in the State of Alaska: <http://www.ak.nrcs.usda.gov/technical/soils/soilslocal.html>. There is no farming in the community of Ekwok.

##### 3.1.2 Formally Classified Lands

Ekwok is not within a national wildlife refuge, a national park, a state park, a state historic park or on a wild and scenic river or in a designated wilderness area:

<http://www.nps.gov/akso/>,

<http://alaska.fws.gov.gov/nwr/map.htm>

<http://www.dnr.sate.ak.us/parks/aspbro/index.htm>

<http://www.dnr.state.ak.us/parks/oha/misc/dpor.htm>

<http://www.nps.gov/rivers/wildriverslist.html>)

Ekwok is not near any National Forest and is not in a State Forest:

<http://www.fs.fed.us/r10/>

<http://forestry.alaska.gov/stateforests.htm>

Ekwok is not near any National Register sites or natural landmarks:

<http://www.nps.gov/history/nr/index.htm>

[http://www.nature.nps.gov/nrl/Registry/USA\\_Map/States/Alaska/alaska.cfm](http://www.nature.nps.gov/nrl/Registry/USA_Map/States/Alaska/alaska.cfm)

Ekwok is not the site of any National Battlefield Parks

<http://usparks.about.com/blparktypes-nbp.htm>

Ekwok is not on a National Seashore.

<http://usparks.about.com/blparktypes-ns.htm>

### **3.1.3 Environmental Consequences**

#### **3.1.3.1 No-Build Alternative**

The No-Build Alternative will not impact local land uses, farmland or Formally Classified Lands.

#### **3.1.3.2 Preferred Alternative**

The Preferred Alternative will not impact local land uses, farmland or Formally Classified Lands.

### **3.2 FLOODPLAINS**

EO 11988 requires a determination that there is no practicable alternative to the proposed action in a floodplain. According to the following website

[http://www.poa.usace.army.mil/en/cw/fld\\_haz/floodplain\\_index.htm](http://www.poa.usace.army.mil/en/cw/fld_haz/floodplain_index.htm)

the community has relocated out of the flood prone area. The community is not participating in the National Flood Insurance Program and there are no flood maps of the area. In June of 1993, only one occupied house was still located in the flood prone area (see website above for "Ekwok"). The proposed landfill will be located on a small bluff overlooking Klutuk Creek. The access road must cross Klutuk Creek. A bridge is proposed. No abutments are planned to be in the stream or below Ordinary High Water. Any bridge over Klutuk Creek will be designed for a minimum 50 year flood.

#### **3.2.1 Environmental Consequences**

##### **3.2.1.1 No-Build Alternative**

The No-Build Alternative will not impact floodplains.

##### **3.2.1.2 Preferred Alternative**

The Preferred Alternative will not impact floodplains.

### **3.3 WETLANDS**

The National Wetland Inventory, on-line mapping, has not been completed for the Ekwok area. There has been no formal Wetlands Delineation in the field for this ER although the USACE provided a Jurisdictional Delineation for Klutuk Creek. Consequently, any fill below ordinary high water into Klutuk Creek will require a permit.

An alternative method for determining if the impact areas were likely wetlands or not had to be explored. The Final Ekwok Integrated Solid Waste Management Plan indicated that some soil mapping had been completed for Ekwok. The USDA, Natural Resources Conservation Service (NRCS) is conducting a soils survey for the Nushagak-Mulchatna Watershed. The study began

in 2006 and is ongoing. Field work was conducted in Ekwok in 2006. A draft soils map is available at <http://www.ak.nrcs.usda.gov/soils/Nushagak-Mulchatna/Ekwok.html>. Table 2 shows a preliminary delineation of wetlands by soil type.

**Table 2: Soils Delineation**

Soil Types	New Road	Landfill
36EV01	Uplands	
36KW01	Uplands	
36TN01	Uplands	
36KT02		Uplands

Section 6 of this ER includes the backup paperwork and photographs on the soils.

Preliminary soils investigations indicate that wetlands may not be impacted by this project. However, more detailed information is necessary to determine if that is a fact. There may be some minor fill in wetlands associated with the road or the bridge crossing. EO 11990 requires that a Protection of Wetlands Determination be developed for projects in wetlands. Soils mapping is provided in Figure 5.

### **3.3.1 Environmental Consequences**

#### **3.3.1.1 No-Build Alternative**

The No-Build Alternative will not impact wetlands.

#### **3.3.1.2 Preferred Alternative**

The Preferred Alternative may impact wetlands. The proposed access road may involve placing material in wetlands. The proposed access road may qualify for a Nationwide Permit from the USACE. If not, an individual USACE Section 404 permit will be required.

A single lane bridge is proposed to cross Klutuk Creek. Bridge abutments will be sited to avoid being below the ordinary high water line. This will eliminate the need to acquire a USACE permit for the abutments, a Title 16 Fish Habitat permit and an Essential Fish Habitat consultation.

#### **3.3.1.3 Proposed Mitigation**

The proposed access road has been designed as a two lane road with 9-foot travel lanes to minimize impacts to wetlands. The cross section is developed with 3:1 slopes to minimize impacts to wetlands. The bridge abutments will not be placed below ordinary high water to minimize impacts to Klutuk Creek. Best Management Practices (BMPs) will be used to minimize impacts to wetlands. BMPs include, but are not limited to, using silt fence, insuring construction equipment stays within the construction limits, and stabilizing side slopes as soon as possible after construction.



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**SOILS MAP  
 ENVIRONMENTAL REVIEW**

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### **3.4 CULTURAL RESOURCES**

The DCCED website indicates Ekwok is a long standing Yup'ik Eskimo village. SHPO concurred with RUS that there will be "No Historic Properties Affected" by the proposed project October 31, 2008.

#### **3.4.1 Historic Property Information**

The Alaska Heritage Resources Survey (AHRs) was reviewed and there are two historic properties at Ekwok. The original village is listed as site DIL-00009 and the Russian Orthodox Church is listed as DIL-00021. The AHRs data base states: "The village was apparently established in early 1800s. W.S. Osgood, in 1902, described it as a small collection of igloos and caches, then deserted. The village was first reported in 1828 by Lutke. The population in 1950 was 1,311. The old house pits, most of which were apparently located on a bluff upstream, have been obliterated by modern construction." The church was built in 1952. There does not appear to have been a Determination of Eligibility on the church.

#### **3.4.2 Visual Aesthetics**

Ekwok is a typical Eskimo village with mixed land uses and varying styles and ages of homes and other community buildings. The topography in the village is relatively flat. There are lowlands near the Nushagak River and rolling terrain to the north. View sheds are generally unimpeded from the village except that the Ekwok area is heavily wooded. View sheds will only change marginally due to the proposed landfill location. The current condition has an open landfill close to the community where it can easily be seen. Visual aesthetics in the village will be improved by developing a new landfill site away from the community.

#### **3.4.3 Environmental Consequences**

##### **3.4.3.1 No-Build Alternative**

The No-Build Alternative will have no impacts to cultural resources. However, the current situation would continue to exist vis a vis Visual Aesthetics where the existing landfill is in the middle of the village.

##### **3.4.3.2 Preferred Alternative**

The Preferred Alternative will have no impacts to cultural resources and will improve Visual aesthetics in the village.

### **3.5 BIOLOGICAL RESOURCES**

#### **3.5.1 Wildlife**

##### **3.5.1.1 Threatened & Endangered Species**

According to the U.S. Fish and Wildlife Service (USF&WS) ESA Listed Species Consultation Guide, Anchorage Fish and Wildlife Field Office, no consultation is necessary as there are “No listed species present within your project area”.

##### **3.5.1.2 Fish and Wildlife**

Mammals include black and brown bears, moose, caribou, wolverine, red fox, lynx and tundra and snowshoe hare. The area around Ekwok supports spawning, rearing and migration of anadromous fish, including sockeye, coho, and king salmon and arctic char.

Avian populations from the North American Pacific Flyway and several Asiatic routes funnel through Bristol Bay semiannually. Ekwok-area wetlands support significant populations of these migratory waterfowl, swans, shorebirds and cranes. Resident bird species in the area include yellow warblers, Wilson’s warblers, common redpolls, fox sparrows, spruce grouse, black billed magpies and common ravens.

#### **3.5.2 Vegetation**

##### **3.5.2.1 Threatened and Endangered Species**

The only vegetation in Alaska listed as Threatened and Endangered is the Aleutian Shield Fern on Atka Island or Adak Island. Both islands are in the Aleutian Chain and hundreds of miles south and west of Ekwok

##### **3.5.2.2 Other**

There is mixed woodland forest in the vicinity of Ekwok. Dominant trees consist of black spruce, paper birch and quaking aspen. Understory vegetation includes low shrubs such as bog blueberry and dwarf arctic birch. Wetlands species include cottongrass, black spruce, diamondleaf willow, Labrador tea and crowberry. Freshwater flora includes phytoplankton and algae (golden and green or blue green).

#### **3.5.3 Environmental Consequences**

##### **3.5.3.1 No-Build Alternative**

The No-Build Alternative will not impact wildlife.

##### **3.5.3.2 Preferred Alternative**

The preferred alternative may involve fill in wetlands, an access road and construction of a landfill cell. The impact to wildlife in general from this new infrastructure is minimal.

Migration patterns will not be altered, habitats will not be segmented and bridge abutments will stay above the ordinary high water line.

### **3.6 WATER QUALITY**

#### **3.6.1 Surface**

Water Quality Water quality in the community is generally considered good.

Surface Water The surface waters in the vicinity of the proposed project are the Nushagak River and Klutuk Creek as well as numerous ponds, small creeks and lakes.

Community Water Source: About 65% of homes are plumbed in Ekwok. Of those, a public water system provides water to approximately 57% of households. Individual wells provide water for some of the community (the remaining 43%). One subdivision is served by individual wells and is down gradient from the existing landfill.

The City operates a piped sewage system for 16 residents and some homes have individual septic systems.

#### **3.6.2 Groundwater**

ADOT&PF reported that “Logs of public and private wells indicate a shallow unconfined aquifer at a depth of approximately 25 feet. A deeper confined aquifer at approximately 75 feet produces higher quality water.” The two layers are separated by a discontinuous clay layer.

There are no sole source aquifers in Alaska.

(<http://yosemite.epa.gov/R10/WATER.NSF/b1edf256c3d7d444882567e600623096/48d18822ce4f3a53882564d800686e6b!OpenDocument>).

#### **3.6.3 Environmental Consequences**

##### **3.6.3.1 No-Build Alternative**

The No-Build Alternative will not impact water resources in the community.

##### **3.6.3.2 Preferred Alternative**

The Preferred Alternative may have beneficial consequences by removing a waste stream from within the community and putting it on the fringes. Another benefit is moving the landfill from upstream of a subdivision with individual wells away from the subdivision and away from berry picking and hunting areas.

### **3.7 COASTAL RESOURCES**

#### **3.7.1 Coastal Zone**

Ekwok is in the BBCRSA. A Coastal Zone Consistency Determination is required.

### **3.7.2 Coastal Barriers**

There are no coastal barriers in Alaska <http://www.fws.gov/habitatconservation/cbrunits.pdf>.

### **3.7.3 Coral Reefs**

There are no designated coral reefs in Alaska: <http://www.coralreef.gov/las/index.html>. However, the Essential Fish Habitat regulations protect some coral areas in the Aleutian Islands and SE Alaska.

### **3.7.4 Environmental Consequences**

#### **3.7.4.1 No-Build Alternative**

The No-Build alternative will have no impact to the Coastal Zone and does not require a Coastal Zone Consistency Determination.

#### **3.7.4.2 Preferred Alternative**

The Preferred Alternative is in the Coastal Zone and requires a Coastal Zone Consistency Determination. Such a determination will be made in concert with the State standards and any local BBCRSA standards that apply.

#### **3.7.4.3 Proposed Mitigation**

Mitigation will be in keeping with any and all applicable permits.

## **3.8 SOCIOECONOMIC ISSUES/ENVIRONMENTAL JUSTICE**

### **3.8.1 Socioeconomic Issues**

Ekwok's economy is heavily dependent on subsistence activities. Employment is primarily through the school, tribal government, city government or clinic. Residents rely on seasonal employment such as construction and commercial fishing. There are 6 commercial fishing certificates in the community

### **3.8.2 Environmental Justice**

E.O. 12898 requires federal agencies to identify and address, as appropriate, disproportionately high and adverse environmental effects of its programs, policies, and activities on minority populations and low-income populations. The community of Ekwok is predominately Alaska Native (93.8%), a minority group. According to the DCCED website, the unemployment rate in 2000 was 20% with 32.08% of the population living below the poverty level. There will be no disproportionately high or adverse human health or environmental impacts to the minority or low-income population within Ekwok.

### **3.8.3 Environmental Consequences**

#### **3.8.3.1 No-Build Alternative**

The No-Build Alternative will have no socioeconomic impacts and no environmental justice impacts.

#### **3.8.3.2 Preferred Alternative**

The Preferred Alternative will have beneficial socioeconomic impacts in the community. It will give the community a permitted landfill and remove the impacts from the existing site from the middle of town. It will remove the potential hazard of having a subdivision with well systems for water down gradient from a landfill.

### **3.9 MISCELLANEOUS ISSUES**

#### **3.9.1 Air Quality**

Visibility On clear days, visibility in the community is excellent. There are no generators of air pollution in the community that would affect visibility such as smoke from smoke stacks or other manufacturing. There is dust from airport use and the roads during dry weather.

Air Quality Air quality in Ekwok is generally good. Ekwok is not in a nonattainment area for criteria pollutants. The community sometimes suffers from PM 10 issues when roads are dry and conditions are windy. A burn box will become part of the landfill, although the box is not part of this specific proposal. Funding for the box has been procured from the Denali Commission. A common burn box for landfills in Alaska is the No. 10 or No. 7 produced by Summit Consulting Services, Inc. These boxes do not require electricity or fuel and are designed to minimize smoke emissions and fly ash. They burn hotter than an open pit fire which reduces the amount of time needed for burning.

#### **3.9.2 Environmental Consequences**

##### **3.9.2.1 No-Build Alternative**

The No-Build Alternative will have no impacts to visibility or air quality in Ekwok.

##### **3.9.2.2 Preferred Alternative**

The will be smoke from the burn box on days when it is used. These emissions will not be of sufficient strength or duration to cause significant air quality concerns in the village, partially due to the amount of emissions and partly due to the distance from the community. The proposed landfill site is over a mile away from the community and across Klutuk Creek. Construction of the Preferred Alternative will have some temporary impacts on air quality in the community. Impacts are likely to be from construction equipment creating dusty conditions. Dust from construction activities can be mitigated by watering access roads.



### **3.9.3 Transportation**

The existing transportation network in Ekwok is small. The roads are mostly dirt (not surfaced with gravel). Some of the roads are capable of supporting two-way traffic, but not all. The gravel runway is the only all-year access to Ekwok. It is owned by the ADOT&PF and was recently upgraded to a runway length of 3,300 feet. The width of the runway stayed at 75 feet. Travel within the community is mainly by all-terrain vehicle (ATV), snowmobile, foot or truck. Small boats are also used to get to subsistence areas. Barges convey some goods to the community when the Nushagak River is ice free (June – Mid-November). The ADOT&PF characterized the barge landing in their 2004 EA as “adequate without improvements”.

### **3.9.4 Environmental Consequences**

#### **3.9.4.1 No-Build Alternative**

No changes will be made to the transportation infrastructure under the No-Build Alternative.

#### **3.9.4.2 Preferred Alternative**

A new road to Klutuk Creek will be built under the Preferred Alternative and a new bridge and road will be built to the new landfill site. This will add about a mile of improved/new road in the community and increase maintenance costs. It will also open up the west end of the gravel site for development by the City.

### **3.9.5 Noise**

Ambient levels of noise in the community are low but influenced by occasional airplanes landing at the airport.

### **3.9.6 Environmental Consequences**

#### **3.9.6.1 No-Build Alternative**

There will be no noise impacts in the community under the No-Build Alternative

#### **3.9.6.2 Preferred Alternative**

There will be construction noise impacts in the community. These are likely to be from construction equipment like bulldozers, graders and dump trucks. Standard and modified specifications shall be applied to all construction documents that all construction equipment be kept in good shape to reduce noise and vibrations and that there be restrictions on work hours to avoid nighttime impacts on the community.

## 4.0 SUMMARY OF MITIGATION

### 4.1 BEST MANAGEMENT PRACTICES

**Table 3: Best Management Practices (BMPs)**

Construction Activity	Temporary BMPs	Permanent BMPs
Fill in or adjacent to wetlands and construction adjacent to drainage channels and waterways	Minimize disturbed ground.  Stake construction area.  Silt fence, rolled mats, or other sediment controls.  Watering for dust control.  Proper storage and disposal of hydrocarbons.  Visual inspections.  Implement controls as outlined in the SWPPP.*	Drainage improvements.  Storm water channel design to outfall into vegetated drainage swales.
Dust control during dry periods.	Roads will be watered to minimize airborne dust.	

Notes: \*In accordance with the ADEC Construction General Permit, a Storm Water Pollution Prevention Plan (SWPPP) would be developed by the construction contractor and implemented for this project. The SWPPP would address measures to protect water quality during construction, including material excavation and transport.

Additional BMP's will include the following:

- Sequence work to reduce unnecessary exposure of disturbed land to wind and precipitation erosion mechanisms.
- Minimize disturbance of existing vegetation within the project limits, particularly vegetation in existing surface drainage flow pathways.
- Consider current and past forecast weather conditions prior to initiating key project activities in areas where erosion or sediment transport risks may be elevated.
- Retain the Manufacturer Specifications (Material Safety Data Sheets - MSDS) on site in the project office for review by employees when hazardous materials are introduced to the job site.
- Place spill equipment at all fueling locations.

- Notify the ADEC immediately of any reportable contaminant release.

#### 4.2 ENVIRONMENTAL COMMITMENTS

Environmental commitments will be attached to the permits as conditions. Permit applications are in Appendix D. The following is a summary of commitments:

Migratory Bird Window: The Migratory Bird Window is April 10 through July 15. No vegetation may be disturbed during that time.

## 5.0 CORRESPONDENCE AND COORDINATION

Agency Scoping was initiated August 14, 2008. The Scoping Letter was sent to the following agencies:

USF&WS  
EPA  
NMFS  
USACE  
FAA, Airports Division  
ADNR, DC&OM  
ADNR, ML&W  
ADEC  
ADF&G

Additionally, the Scoping Letter was sent to the following:

Bristol Bay CRSA  
Bristol Bay Native Corporation  
City of Ekwok  
Ekwok Natives Limited  
Ekwok Village Council

Paperwork was prepared for USDA, RUS to initiate Section 106 consultation with the SHPO. SHPO responded October 31, 2008 with "No Historic Properties Affected".

A revised map was sent to the scoping agencies September 29, 2008 after a field trip to confirm the preferred alignment. Responses to the scoping letter were received from the USACE, the Division of Coastal and Ocean Management, the ACMP District Coordinator and the Department of Fish and Game Division of Habitat.

- The USACE stated the project would likely involve wetlands
- The Division of Coastal and Ocean Management stated the project is in the Coastal Zone
- Andrew DeValpine, the ACMP District Coordinator, stated he had no concerns on the project
- The Division of Habitat indicated the possibility that fish passage permits may be necessary

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## 6.0 EXHIBITS

### 6.1 LIST OF PREPARERS

<u>Name/Title/Company</u>	<u>Expertise Applied to Environmental Assessment</u>
Steve Coleman, P.E., Senior Civil Engineer, WHPacific	Design & Project Management
Lou Bassler, P.E., Transportation Department Manager, WHPacific	QA/QC & Review
Diana Rigg, AICP, Senior Environmental Scientist, WHPacific	Environmental & Public Involvement
Galen Jones, Intern, WHPacific	Maps
Edith McKee, EIT, Civil Designer	Maps

### 6.2 LIST OF EXHIBITS

August 14, 2008	Scoping Letter
No Date	Alaska Community Database Community Information Summary
No Date	ADEC Contaminated Sites Research Results
No Date	ADEC Industry Preparedness Program Research Results
No Date	EPA Envirofacts Warehouse Research Results
No Date	NRCS Ekwok Area Soils Survey Map
No Date	NRCS Photo Looking Generally West Across Klutuk Creek
No Date	Ekwok Flood Hazard Data
August 18, 2008	Fax from BBNC
August 20, 2008	Telephone Conversation with BBCRSA
August 20, 2008	Telephone Conversation with ADOT&PF
August 22, 2008	Telephone Conversation with BBNC
August 25, 2008	E:mail from ADF&G
September 3, 2008	E:mail from ADNDR
September 29, 2008	Revised map mailer
October 23, 2008	Letter from USACE
October 31, 2008	SHPO Concurrence
November 6, 2008	FAA e:mail
Draft CPQ	

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August 14, 2008

Re: Ekwok Landfill Scoping Request

Ms. Ann Rappaport  
Field Supervisor  
USF&WS Ecological Services  
605 W. 4th Ave., Room G-62  
Anchorage, Alaska 99501

Dear Ms. Rappaport,

The Ekwok Village Council (EVC) has retained WHPacific, Incorporated to conduct an Environmental Review (ER) for a proposed landfill site in Ekwok. They anticipate that the United States Department of Agriculture, Rural Utilities Service (USDA, RUS) will be the lead federal agency on the project. The ER will be prepared pursuant to RUS Bulletin 1794A-602 and RUS may accept it as an Environmental Assessment (EA) and sign a Finding of No Significant Impact (FONSI).

The Final Ekwok Integrated Solid Waste Management Plan (ISWMP) was completed in December of 2005. The EVC initially selected site 2a as their preferred alternative. They have since selected site 3 as the preferred alternative.

The existing landfill is not permitted. It does not have good separation for different types of materials and the trash burning operation is inefficient and causes smoke in the village. The existing landfill does not meet the Federal Aviation Administration (FAA) 5,000-foot separation distance.

The project will involve upgrading an existing pioneer road from the village to Klutuk Creek, a new bridge across the creek, and a new section of road from the west side of the creek to the new landfill site. Klutuk Creek provides Essential Fish Habitat for salmon species. The village is in the North American Pacific Flyway and several Asiatic flyways funnel through Bristol Bay.

This site is over 5,000 feet from the airport, meeting separation distances. It also relocates the landfill away from a subdivision that is down gradient of the existing landfill and is served by wells.



Please let us know of any concerns or issues you agency has with the proposed landfill. You may call me at 339-6524, e:mail me at [drigg@whpacific.com](mailto:drigg@whpacific.com) or write to the address below. Thank you for your time.

Sincerely,

A handwritten signature in blue ink that reads "Diana Rigg". The signature is fluid and cursive, with a large loop at the end of the last name.

Diana Rigg, AICP  
Senior Environmental Scientist/Planner

Enclosures: Project Maps

cc: Lorraine King, Environmental Coordinator, Ekwok Village Council

Title	First Name	Last Name	Company Name	Address Line 1	Address Line 2
Ms.	Ann	Rappaport	Field Supervisor	USF&WS Ecological Services	605 W. 4th Ave., Room G-62
Ms.	Kim	Kruse	Acting Director	ADNR, DC&OM	550 W. 7th Ave., Suite 705
Ms.	Jennifer	Curtis	NEPA Coordinator	EPA	222 W. 7th Ave., Suite 537
Mr.	Dick	Mylius	Director	ADNR, Mining, Land & Water	550 W. 7th Ave., Suite 900C
Mr.	Brad	Smith	Field Office Supervisor	NMFS, Protected Resources Section	222 W. 7th Ave., #43
Colonel	Kevin	Wilson	USACE	Regulatory Branch	P.O. Box 898
Mr.	William	Ashton	Wetlands Coordinator	ADEC	555 Cordova Street
Mr.	Scott	Maclean	Area Manager	ADF&G, Habitat Division	333 Raspberry Road
Mr.	Andrew	DeValpine	Program Director	Bristol Bay CRSA	P.O. Box 849
Ms.	April	Ferguson	Acting CEO	Bristol Bay Native Corporation	111 W. 16th Ave, Ste. 400
Mr.	Richard	Stermer Sr.	Mayor	City of Ekwok	P.O. Box 49
Mr.	Luki	Akelkok Sr.	CEO	Ekwok Natives Limited	P.O. Box 1189
Mr.	Richard	King	Council Administrator	Ekwok Village Council	P.O. Box 70
Mr.	Byron K.	Huffman	Manager	FAA Airports Division	222 W. 7th Ave., Ste. 14

City	State	ZIP Code	Country or Region	Home Phone	Work Phone	E-mail Address
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99513				
Anchorage	Alaska	99506-0898				
Anchorage	Alaska	99509-2617				
Anchorage	Alaska	99518				
Dillingham	Alaska	99576				
Anchorage	Alaska	99501				
Ekwok	Alaska	99580-0049				
Ekwok	Alaska	99580-1189				
Ekwok	Alaska	99580-0070				
Anchorage	Alaska	99513				

# Alaska Community Database Community Information Summaries (CIS)

[State of Alaska](#) > [Commerce](#) > [DCRA Home Page](#) > [Community Database Online](#) > [CIS](#) > [Results](#)



## Ekwok

(ECK-wock)

[For Photos of Ekwok click here](#)

[For a Map of Ekwok click here](#)

**Current Population:** 108 (2007 DCCED Certified Population)  
**Incorporation Type:** 2nd Class City  
**Borough Located In:** Unorganized  
**Taxes:** Sales: None, Property: None, Special: None  
**Coastal Management District:** Bristol Bay CRSA

### Location and Climate

Ekwok is located along the Nushagak River, 43 miles northeast of Dillingham, and 285 miles southwest of Anchorage. The community lies at approximately 59.349720i½ North Latitude and -157.475280i½ (West) Longitude. (Sec. 35, T009S, R049W, Seward Meridian.) Ekwok is located in the Bristol Bay Recording District. The area encompasses 16.0 sq. miles of land and 1.4 sq. miles of water. Ekwok is in a climatic transition zone. The primary influence is maritime, although a continental climate also affects the weather. Average summer temperatures range from 30 to 66; winter temperatures average from 4 to 30. Precipitation averages 20 to 35 inches each year. Extremely strong winds are common during winter months. Fog is prevalent during summer months. The River is ice-free from June through mid-November.

Topographic  
map of  
Ekwok  
area



### History, Culture and Demographics

Ekwok means "end of the bluff," and is the oldest continuously occupied Yup'ik Eskimo village on the river. During the 1800s, the settlement was used in the spring and summer as a fish camp, and in the fall as a base for berry-picking. By 1923, it was the largest settlement along the river. In 1930, a BIA school was constructed. Mail was delivered by dog sled from Dillingham until a post office opened in 1941. Many of the earliest homes in Ekwok were located in a low, flat area near the riverbank. After a severe flood in the early 1960s, villagers relocated on higher ground, to the current location. The City was incorporated in 1974.

A federally-recognized tribe is located in the community -- the Ekwok Village Council. The population of the community consists of 93.8% Alaska Native or part Native. Ekwok is a Yup'ik Eskimo village with a fishing and

subsistence lifestyle. During the 2000 U.S. Census, total housing units numbered 56, and vacant housing units numbered 14. Vacant housing units used only seasonally numbered 5. U.S. Census data for Year 2000 showed 28 residents as employed. The unemployment rate at that time was 20 percent, although 55.56 percent of all adults were not in the work force. The median household income was \$16,250, per capita income was \$11,079, and 32.08 percent of residents were living below the poverty level.

### **Facilities, Utilities, Schools and Health Care**

Individual wells provide water for the majority of the community. 20 HUD homes have individual wells and a piped septic system. The City operates a piped sewage system with sewage lift station which connects to 16 additional residences. The remaining homes use septic systems or a flush/haul system; a sewage pumper is available. 36 of 42 homes have complete plumbing. The community needs a washeteria with a water source and treatment system. Refuse collection services are provided. Electricity is provided by Ekwok Electric. There is one school located in the community, attended by 26 students. Local hospitals or health clinics include Ekwok Clinic (907-464-3322). Ekwok is classified as an isolated village, it is found in EMS Region 21 in the Bristol Bay Region. Emergency Services have coastal and air access. Emergency service is provided by a health aide. Auxiliary health care is provided by Ekwok Fire & EMS (VPSO 907-464-3326) and Ekwok First Responders (CHP 907-464-3322).

### **Economy and Transportation**

A few residents trap. The entire population depends on subsistence activities for various food sources. Salmon, pike, moose, caribou, duck and berries are harvested. Summer gardens are also popular, because families do not leave the village to fish for subsistence purposes. Most residents are not interested in participating in a cash economy. Only six residents hold commercial fishing permits in Ekwok. The village corporation owns a fishing lodge two miles downriver. Grave! is mined near the community.

Air transport is most frequently used to reach Ekwok. Regular and charter flights are available from Dillingham. There is a State-owned 2,720' long by 75' wide gravel runway. Float planes land on the Nushagak River. Cargo is brought in during ice-free months from Dillingham by Coastal Marine Transport barge service. There are no docking facilities, but a barge off-loading area exists. Skiffs, ATVs and snowmachines are used for local transportation to other villages.

### **Organizations with Local Offices**

**City - City of Ekwok**  
P.O. Box 49  
Ekwok, AK 99580-0049  
Phone 907-464-3311  
Fax 907-464-3328  
E-mail [cityofekwok@yahoo.com](mailto:cityofekwok@yahoo.com)

**Village Corporation - Ekwok Natives Limited**  
P.O. Box 1189  
Dillingham, AK 99580  
Phone 907-464-3317  
Fax 907-464-3305

**Village Council - Ekwok Village Council**  
P.O. Box 70  
Ekwok, AK 99580  
Phone 907-464-3336  
Fax 907-464-3378  
E-mail [ekwokvill@aol.com](mailto:ekwokvill@aol.com)  
Web <http://www.bbna.com>

### **Regional Organizations**

**Regional Native Corporation - Bristol Bay Native Corporation**  
111 W 16th Ave, STE 400  
Anchorage, AK 99501-6299  
Phone 907-278-3602  
Fax 907-276-3924  
E-mail [tomyhawk@bbnc.net](mailto:tomyhawk@bbnc.net)  
Web <http://www.bbnc.net>

**Regional Native Non-Profit - Bristol Bay Native Association**  
P.O. Box 310

Dillingham, AK 99576  
Phone 907-842-5257  
Fax 907-842-5932  
E-mail bayweb@bbna.com  
Web <http://www.bbna.com>

**Native Housing Authority** - Bristol Bay Housing Authority  
P.O. Box 50  
Dillingham, AK 99576  
Phone 907-842-5956  
Fax 907-842-2784  
E-mail dmcclore@bbha.org

**CDQ Group** - Bristol Bay Econ. Dev. Corp.  
P.O. Box 1464  
Dillingham, AK 99576-1464  
Phone 907-842-4370  
Fax 907-842-4336  
E-mail Bryce@bbedc.com  
Web <http://www.bbedc.com>

Services Webmaster



Division of Soil Prevention and Response

# Contaminated Sites Program

State of Alaska > DEC > SPAR > Contaminated Sites Program > Database Search



## Database Search

### Contaminated Sites and Leaking Underground Storage Tanks (UST)

**Directions:** To search for sites, enter criteria in one or more of the fields below and 'click' on the *Search Records* button.

**Examples:** To search for sites in the city of Adak, choose 'Adak' from the *City* field and 'click' on the *Search Records* button  
 To search for Open sites in Adak, choose 'Open' from the *Status* field AND 'Adak' from the *City* field. Then click on the *Search Records* button  
 To search for all sites in both databases in all three status categories (Open, Closed, No Further Remedial Action Planned), leave all fields blank - just 'click' on the *Search Records* button

[Glossary of Terms and Acronyms](#)

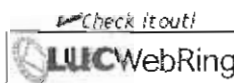
Contaminated Sites and Leaking Underground Storage Tank Search	
Site Name	?
Reckey	?
UST Event ID	?
Status	?
Street Address	?
City	Ekwok ?
Zipcode	?
Borough	?
File ID	?
<input type="button" value="Search Records"/> <input type="button" value="Reset"/>	

[Download all Contaminated Sites Records](#)

[Download all Leaking UST Records](#)

Note: The site status *No Further Remedial Action Planned* has been changed to *Conditional Closure*. A Conditional Closure is a determination by the Department that residual contamination remaining at a site, based on a specific landuse, does not pose a significant risk to human health and the environment. Conditions for closure under this designation may include a notice that residual contamination must be managed in accordance with applicable regulations (i.e., it should not be dug up and moved off-site without prior DEC approval) or that land use controls or other measures are in place to limit exposure to residual contamination that could pose a risk in the future. In general, conditional closures are granted by the Department when it is not practicable to remove contamination or cost effective to treat contamination using active methods.

If you have questions about these webpages, please contact [Antoine Doiron](#) , (907) 465-5301.





Division of Spill Prevention and Response

# Contaminated Sites Program

State of Alaska > DEC > SPAR > CSP > Database Search > Results

## Database Search Results

[New Database Search](#)

**Questions?**  
[Antoine.Doiron@alaska.gov](mailto:Antoine.Doiron@alaska.gov)  
907-465-5301

---

**Total Records Found: 0 on 8/25/2008**

- Contaminated Sites Records: 0
- Leaking UST Records: 0

---

**No records from the Underground Storage Tanks database found.  
No records from the Contaminated Sites database found.**

[New Database Search](#)

[Back to the Top](#)

Division of Spill Prevention and Response

# Industry Preparedness Program



State of Alaska > DEC > SPAR > IPP > Terminals & Tanks > UST's > UST Database > UST Facility Search

## Underground Storage Tank Database - UST Facility Search

### Facility Name or Location Search

Leave fields blank, incomplete, or with a key word(s) for more inclusive searches

Facility Name ?

Facility ID ?

Address ?

City Ekwok ?

ZIP Code 99580 ?

Borough ?

Facility Type ?

<input type="button" value="Search Records"/>	<input type="button" value="Reset"/>	<input type="button" value="Back"/>
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[Download all Owner/Facility and Tank Information](#)

Division of Spill Prevention and Response

# Industry Preparedness Program



State of Alaska > DEC > SPAR > IPP > Terminals & Tanks > UST > UST Database > UST Facility Search > Results

## Underground Storage Tank Database - UST Facility Search Results

[New UST Search](#)

[Contaminated Sites Database & Leaking USTs](#)

Records Found: 0

Facility ID	Facility Name	Location	Owner	Facility Type	Report on Facility
-------------	---------------	----------	-------	---------------	--------------------

Sorry, no records found.

[Back to UST Facility Search](#)

[Back to UST Database Homepage](#)



[http://oaspub.epa.gov/enviro/ef\\_home3.html?p\\_zipcode=99580&p\\_type=zip&x=13&y=7](http://oaspub.epa.gov/enviro/ef_home3.html?p_zipcode=99580&p_type=zip&x=13&y=7)  
Last updated on Monday, August 25th, 2008.

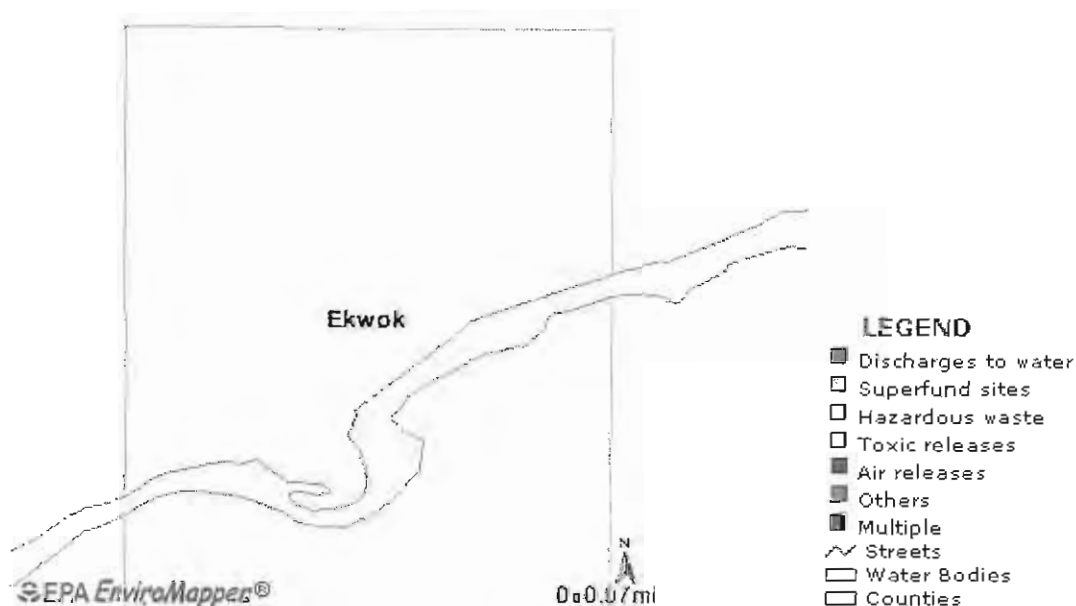
## Quick Start

You are here: [EPA Home](#) [Envirofacts](#) [Quick Start](#)



Envirofacts

## ZIP Code: 99580



To view the above map interactively, click [EnviroMapper](#)

Additional information about ZIP Code 99580, click [Window To My Environment](#)

### Envirofacts information about ZIP Code 99580

- AIR
  - Facilities that produce and release air pollutants: **0**
- TOXICS
  - Facilities that have reported toxic releases: **0**
- WASTE
  - Facilities that have reported hazardous waste activities: **0**
  - Potential hazardous waste sites that are part of Superfund that exist: **0**
  - Facilities that generate hazardous waste from large quantity generators: **0**
- WATER
  - Facilities issued permits to discharge to waters of the United States: **0**

---

**Additional information about ZIP Code 99580, click Window To My Environment**

- Watershed(s) in your area:
  - Lower Nushagak River, Alaska.

[Return to more topical information](#)



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Alaska  for  
 Enter Keywords

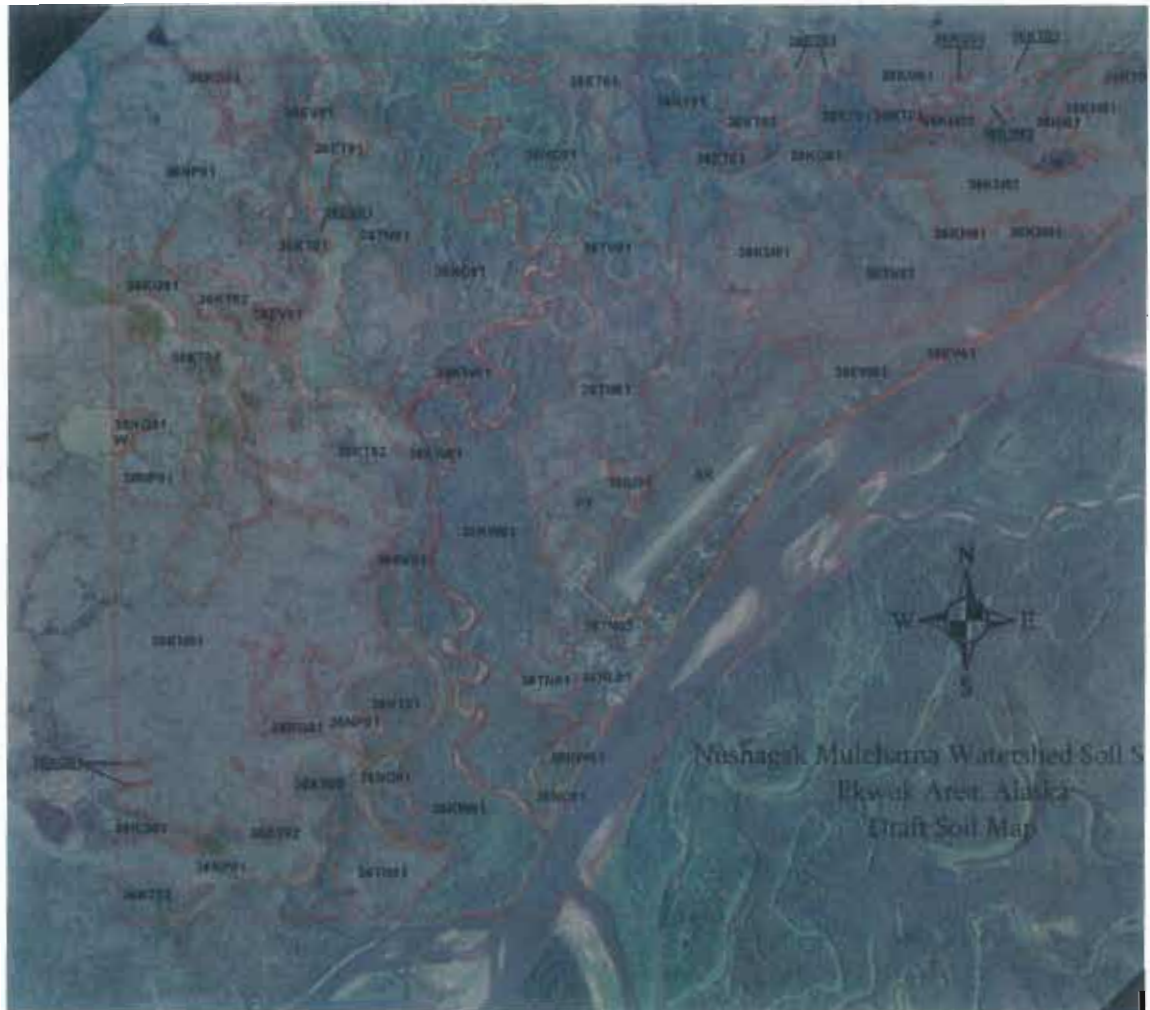
**Technical Resources**

- Digital Datasets
- eFOTG
- Engineering
- Maps, Imagery & Data
- National Resources Inventory
- National Water and Climate Center
- Soils
- Snow Survey
- Technical References

Find a Service Center

**Ekwok Area Information**

Below is a draft soil map of the Ekwok area followed by a soil map unit legend, which lists components and percent composition of the map unit. Click on the component to view its description.



**Soil Map Unit Legend**

Map Unit Symbol	Map Unit Name	Components	Percent
36ET01	Egtuk family, gently sloping, we	36-Egtuk 36-Tunrayk	90 10
36EV01	Ekvik family, steeply sloping	36-Ekvik	100
36EW01	Ekwok silt loam, nearly level	36-Ekwek 36-Kluuk	90 10
36HI01	Histel-Pellernaqu complex, slightly sloping, frozen	36-Histel, ice rich 36-Pellernaqu	60 40
36IU01	Ilutak family, slightly sloping, wet	36-Ilutak 36-Tunayk	95 5
36KG01	Koggiling-Pellernaqu families, complex, nearly level, wet	36-Koggiling 36-Pellernaqu	85 15
36KL01	Koklong-Kokwok families, complex, nearly level	36-Koklong 36-Kokwek 36-Inakpak	60 30 10
36KM01	Kemuk silt loam-Qilak family, complex, slightly sloping, wet	36-Kemuk 36-Qilak	75 25
36KM02	Kumuck-Kumla silt loam, complex, nearly level	36-Kemuk	50

		36-Kumla	50
36KT01	Klutuk-Ekwok complex, nearly level	36-Klutuk 36-Ekwok	75 25
36KT02	Klutuk sandy loam, nearly level	36-Klutuk	100
36KW01	Kokwok-Inakpuk families, complex, nearly level	36-Kokwok 36-Inakpuk 36-Joyphla	30 50 10
36NC01	Nunachuak-Lookout-Kokwok families, complex, nearly level	36-Nunachuak 36-Lookout 36-Kokwok	40 30 30
36NP01	Nunapik family-Kemuk silt loam, complex, nearly level	36-Nunapik 36-Kemuk	50 50
36TN01	Tunravik-Muklung families, complex, nearly level	36-Tunravik 36-Muklung 36-Erneq	65 25 10
36TN02	Tunravik family-Klutuk-Ekwok complex, nearly level	36-Tunravik 36-Klutuk 36-Ekwok	40 30 30
36TN03	Tunravik family-Ekwok silt loam, complex, slightly sloping, rolling escarpments	36-Tunravik 36-Ekwok	60 40
36TV01	Tuvapak-Unguiq families, nearly level, wet	36-Unguiq 36-Tuvapak	50 50
AR	Airfield	Airfield	100
PT	Gravel Pit	Gravel Pit	100
W	Water	Water	100







STATUS	unincorporated	LAST FLOOD EVENT	
POPULATION	115	FLOOD CAUSE	
BUILDINGS		ELEVATION	
RIVER SYSTEM	Tanana River	FLOOD OF RECORD	
COASTAL AREA	none	FLOOD CAUSE	
		ELEVATION	
NFIP STATUS	not participating	WORST FLOOD EVENT	
FLOODPLAIN REPORT	no	FLOOD CAUSE	
FLOOD INSURANCE STUDY	no	FLOOD GAUGE	no

**Comments:** After the flooding in the mid-1940's the village began moving to high ground. In June 1993, only 1 home was occupied in the flood prone area. Flooding was caused by an ice jam in the spring of 1931 or 1932. The worst known flood occurred in 1936. A high water mark was set at a residence 25 ft back from the riverbank in the center of town and about 1 ft above the ground. This marks a flood occurring most likely in 1957: The exact date is not known. The flooding was caused by an ice jam.

Floodplain Manager (907) 753-2610





TO DIANA RIGG

FROM JACK MOORES BBNC

265-7826

Please Call Jack

August 14, 2008

Re: Ekwok Landfill Scoping Request

Ms. April Ferguson  
Acting CEO  
Bristol Bay Native Corporation  
111 W. 16th Ave, Ste. 400  
Anchorage, Alaska 99501

Dear Ms. Ferguson,

The Ekwok Village Council (EVC) has retained WHPacific, Incorporated to conduct an Environmental Review (ER) for a proposed landfill site in Ekwok. They anticipate that the United States Department of Agriculture, Rural Utilities Service (USDA, RUS) will be the lead federal agency on the project. The ER will be prepared pursuant to RUS Bulletin 1794A-602 and RUS may accept it as an Environmental Assessment (EA) and sign a Finding of No Significant Impact (FONSI).

The Final Ekwok Integrated Solid Waste Management Plan (ISWMP) was completed in December of 2005. The EVC initially selected site 2a as their preferred alternative. They have since selected site 3 as the preferred alternative.

The existing landfill is not permitted. It does not have good separation for different types of materials and the trash burning operation is inefficient and causes smoke in the village. The existing landfill does not meet the Federal Aviation Administration (FAA) 5,000-foot separation distance.

The project will involve upgrading an existing pioneer road from the village to Klutuk Creek, a new bridge across the creek, and a new section of road from the west side of the creek to the new landfill site. Klutuk Creek provides Essential Fish Habitat for salmon species. The village is in the North American Pacific Flyway and several Asiatic flyways funnel through Bristol Bay.

This site is over 5,000 feet from the airport, meeting separation distances. It also relocates the landfill away from a subdivision that is down gradient of the existing landfill and is served by wells.

The City of Ekwok and DOTPF at Pennington and Pilot Point have acquired site control for future 5000 L.F. RUNWAYS. This squatter landfill site will ultimately have to be relocated soon.

left msg 8:45 A 19 Aug 08  
called 21 Aug 9:30A No msg  
2:35 P left msg  
02 Aug 08  
problem is DOT has been acquiring more Row for 5,000' Runway  
BBNC has been asking DOT to acquire enough Row for 5000' runway applies to all landfill all have been reconstructed or relocated in Bristol Bay "transport class" Airport letter he wrote Robert Clark BBNC Corp



Please let us know of any concerns or issues you agency has with the proposed landfill. You may call me at 339-6524, e:mail me at [drigg@whpacific.com](mailto:drigg@whpacific.com) or write to the address below. Thank you for your time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Diana Rigg', with a stylized flourish at the end.

Diana Rigg, AICP  
Senior Environmental Scientist/Planner

Enclosures: Project Maps

cc: Lorraine King, Environmental Coordinator, Ekwok Village Council



## CONVERSATION RECORD

Date: 20 August 08

Type:  Telephone  In Person

Time: 10:15 a

Subject: Coastal Zone BBCRSA

With: Andy DeValpine

By: Diana Rigg

Company: BBCRSA

Title: Env. Scientist/Planner

Phone: (907)84202666

Phone: (907) 339-6524

Fax: \_\_\_\_\_

Fax: \_\_\_\_\_

Address: P.O. Box 189

Project #: 5225

Dillingham, AK 99576

Project Name: Ekwok Landfill

Action Required: None

**NOTES:** Mr. DeValpine is the coastal zone coordinator for the Bristol Bay Coastal Resource Service Area. He stated he has no concerns for the project but a couple of questions.

He asked about the material source. I told him that the project team had not discussed the material source yet, but that I'd assumed for now that the source would be the same as what DOT used for the airport. It is a city-owned source.

Mr. DeValpine asked about the alignment of the road across Klutuk Creek and who owns the property at the landfill site. I said I had a call in to Lorraine King to ask her that as she had called and alerted me to the need to adjust the alignment to eliminate impacting private property.

He asked about the stream crossing and whether the design of the landfill would be part of the ER. I told him that, at this time, I am assuming we can keep bridge abutments above ordinary high water to avoid an Essential Fish Habitat consultation. I also told him the landfill design will be in the ER but that we were only contracted to do a Preliminary Engineering Report which is not full design.

CONVERSATION RECORD

Date: 20 August 08

Type:  Telephone  In Person

Time: 2:15 p

Subject: Central Region DOT

With: Mary Jane Sutliff

By: Diana Rigg

Company: Area Planner

Title: Env. Scientist/Planner

Phone: (907) 26-0509

Phone: (907) 339-6524

Fax:

Fax:

Address: P.O. Box 196900

Project #: 5225

Anchorage, AK 99519-6900

Project Name: Ekwok Landfill

Action Required: None

NOTES:

Preliminary, hand-written comments from the Bristol Bay Native Corporation indicated they thought there would be a conflict between the new landfill site and a new, 5,000 foot long runway in the village. I checked with the ADOT&PF Bristol Bay area planner, Mary Jane Sutliff on 19 August about any DOT plans for Ekwok. Mary Jan called me back on 20 August. She confirmed that the recent reconstruction to 3,300 feet is the only project on the horizon for Ekwok. She does not anticipate another project in Ekwok in the near or mid term.

CONVERSATION RECORD

Date: 22 August 08

Type:  Telephone  In Person

Time: 2:23 p

Subject: Bristol Bay Native Corporation

With: Jack Moores

By: Diana Rigg

Company: BBNA

Title: Env. Scientist/Planner

Phone: (907) 265-7826

Phone: (907) 339-6524

Fax:

Fax:

Address: 111 W. 16<sup>th</sup> Ave., Suite 400

Project #: 5225

Anchorage, AK 99501

Project Name: Ekwok Landfill

Action Required: None

NOTES: Mr. Moores commented that the Bristol Bay Health Corporation has passed resolutions supporting the extension of runways in their respective area villages to 5,000 feet. He suggested that ADOT&PF was pursuing 5,000 feet long runways in the Bristol bay area. If ADOT&PF comes in and replaces or extends the runway in Ekwok in a few years, then the landfill would just have to be relocated again.

Mr. Moores fax'd preliminary comments to me August 18, 2008 I checked with the ADOT&PF Bristol Bay area planner, Mary Jane Sutliff on 19 August about any DOT plans for Ekwok. She confirmed that the recent reconstruction to 3,300 feet is the only project on the horizon for Ekwok. She does not anticipate another project in Ekwok in the near or mid term.





**Rigg, Diana**

---

**From:** Daigneault, Michael J (DFG) [michael.daigneault@alaska.gov]  
**Sent:** Monday, August 25, 2008 10:21 AM  
**To:** Rigg, Diana  
**Cc:** Ballard, Christine A (DNR)  
**Subject:** Ekwok Landfill

Ms. Rigg,

Thank you for your recent scoping request letter regarding the Ekwok Landfill. We look forward to working with you on your permitting needs as you proceed with your project. Based on the limited information provided to date, we will likely require a Fish Habitat Permit for the road and bridge work at Klutuk Creek. Klutuk Creek (Stream No. 325-30-10100-2141) has been specified as being important for the spawning, rearing, or migration of anadromous fishes pursuant to AS 16.05.871(a). The application is available at <http://www.habitat.adfg.alaska.gov/>

We look forward to reviewing detailed project plans as they develop, as well as the Environmental Review document you are preparing. There may be other aspects of the project that would require a permit from our office. We will make that determination when additional information is available.

Also, based on the project location, I expect you are within the coastal zone; thus, you will also need to complete a coastal project questionnaire with the Alaska Coastal Management Program and complete a consistency review for your project. Please go to their website for more information <http://www.dnr.state.ak.us/acmp/index.html> or contact Christine Ballard directly at 269-7478.

Please let me know if you have any questions or need additional information.

Michael Daigneault  
Alaska Department of Fish and Game  
Division of Habitat  
333 Raspberry Rd.  
Anchorage, AK 99518  
(907) 267-2172  
<'(((((>< ><))))')>

[michael.daigneault@alaska.gov](mailto:michael.daigneault@alaska.gov)



**Rigg, Diana**

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**From:** Ballard, Christine A (DNR) [christine.ballard@alaska.gov]  
**Sent:** Wednesday, September 03, 2008 11:30 AM  
**To:** Daigneault, Michael J (DFG); Rigg, Diana; bbcrsant@nushtel.com; Daigneault, Michael J (DFG); DNR, Parks OHA Review Compliance (DNR sponsored); Simpson, Ellen M (DFG); Gann, David J (DNR); Westphal, Kellie M (DNR); Lee, Adele R (DNR); Michael Dombkowski; regpagemaster@poa02.usace.army.mil; Ashton, William S (DEC)  
**Subject:** FW: Ekwok Landfill Scoping Request  
**Attachments:** Ekwok Landfill 8-25-08.pdf

Dear Ms. Rigg,

Thank you for the opportunity to comment on the above referenced project. The location of the proposed landfill lies within the coastal zone boundaries of the State of Alaska and the **Bristol Bay CRSA**. The Department of Natural Resources, Division of Coastal & Ocean Management requests the submission of a completed Coastal Project Questionnaire/Certification Statement and Project Evaluation when project design work has progressed to the point where WH Pacific is ready to submit applications for appropriate state and/or federal permits. A determination as to the status of the project with regard to potential requirements for a coordinated ACMP review through this office will be made at that time. The Questionnaire can be found on our web site at [www.alaskacoast.state.ak.us](http://www.alaskacoast.state.ak.us). Once ready for the permitting process, you may email it to [dnr.dcompraanc@alaska.gov](mailto:dnr.dcompraanc@alaska.gov).

Please note that **Mr. Andrew DeValpine is the ACMP District Coordinator for the Bristol Bay CRSA**, and is the appropriate person to contact for scoping comments pertaining to the Coastal Management Plan. Because I did not see his name on the distribution list for the scoping letter received by this office, I am including it as an attachment to this message and forwarding a copy to him for any consideration and submission of additional ACMP related comments.

Thank you and please feel free to contact me at (907) 269-7478 with any questions.

--  
Christine Ballard, Project Review Assistant  
DNR, Division of Coastal & Ocean Management  
phone: (907) 269-7478, fax: (907) 269-3981  
[christine.ballard@alaska.gov](mailto:christine.ballard@alaska.gov)

---

**From:** Daigneault, Michael J (DFG)  
**Sent:** Monday, August 25, 2008 10:21 AM  
**To:** drigg@whpacific.com  
**Cc:** Ballard, Christine A (DNR)  
**Subject:** Ekwok Landfill

Ms. Rigg,

Thank you for your recent scoping request letter regarding the Ekwok Landfill. We look forward to working with you on your permitting needs as your proceed with your project. Based on the limited information provided to date, we will likely require a Fish Habitat Permit for the road and bridge work at Klutuk Creek. Klutuk Creek (Stream No. 325-30-10100-2141) has been specified as being important for the spawning, rearing, or migration of anadromous fishes pursuant to AS 16.05.871(a). The application is available at <http://www.habitat.adfg.alaska.gov/>

We look forward to reviewing detailed project plans as they develop, as well as the Environmental Review document you are preparing. There may be other aspects of the project that would require a permit from our office. We will make that determination when additional information is available.

Also, based on the project location, I expect you are within the coastal zone; thus, you will also need to complete a coastal project questionnaire with the Alaska Coastal Management Program and complete a consistency review for your project. Please go to their website for more information <http://www.dnr.state.ak.us/acmp/index.html> or contact Christine Ballard directly at 269-7478.

Please let me know if you have any questions or need additional information.

Michael Daigneault  
Alaska Department of Fish and Game  
Division of Habitat  
333 Raspberry Rd.  
Anchorage, AK 99518  
(907) 267-2172  
<'((((>< ><)))')>

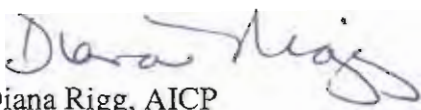
[michael.daigneault@alaska.gov](mailto:michael.daigneault@alaska.gov)

September 29, 2008

Re: Ekwok Landfill Scoping Request

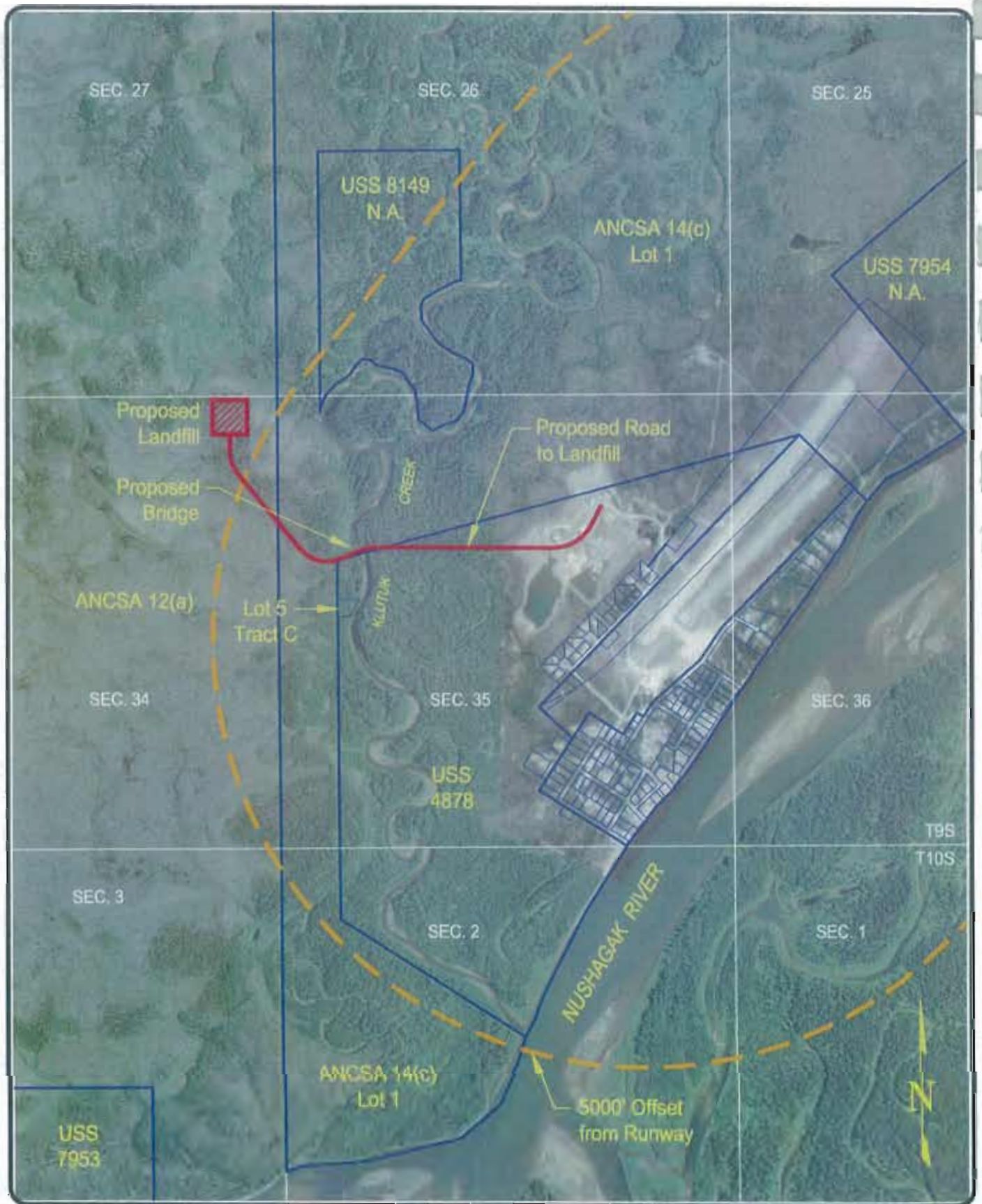
A scoping letter was sent August 14, 2008 to your agency. That scoping request contained a site map that was inaccurate. The enclosed map currently depicts the preferred site. Please note that, as in the map presented on August 14, 2008, this location is west of Klutuk Creek and involves crossing the creek with a bridge structure.

Thank you for your consideration.

A handwritten signature in black ink that reads 'Diana Rigg'.

Diana Rigg, AICP  
Senior Environmental Scientist/Planner





**PROJECT MAP  
ENVIRONMENTAL REVIEW**

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**Ekwok, AK  
Ekwok Village Council**

Job No.:	6275
Date:	9/26/08
Drawn By:	SEC
Checked By:	DKR
Figure No.	<b>2</b>

## Office\_Address\_List

8/14/2008

Title	First Name	Last Name	Company Name	Address Line 1	Address Line 2
Ms.	Ann	Rappaport	Field Supervisor	USF&WS Ecological Services	605 W. 4th Ave., Room G-62
Ms.	Kim	Kruse	Acting Director	ADNR, DC&OM	550 W. 7th Ave., Suite 705
Ms.	Jennifer	Curtis	NEPA Coordinator	EPA	222 W. 7th Ave., Suite 537
Mr.	Dick	Mylius	Director	ADNR, Mining, Land & Water	550 W. 7th Ave., Suite 900C
Mr.	Brad	Smith	Field Office Supervisor	NMFS, Protected Resources Section	222 W. 7th Ave., #43
Colonel	Kevin	Wilson	USACE	Regulatory Branch	P.O. Box 898
Mr.	William	Ashton	Wetlands Coordinator	ADEC	555 Cordova Street
Mr.	Scott	Maclean	Area Manager	ADF&G, Habitat Division	333 Raspberry Road
Mr.	Andrew	DeValpine	Program Director	Bristol Bay CRSA	P.O. Box 849
Ms.	April	Ferguson	Acting CEO	Bristol Bay Native Corporation	111 W. 16th Ave, Ste. 400
Mr.	Richard	Stermer Sr.	Mayor	City of Ekwok	P.O. Box 49
Mr.	Luki	Akelkok Sr.	CEO	Ekwok Natives Limited	P.O. Box 1189
Mr.	Richard	King	Council Administrator	Ekwok Village Council	P.O. Box 70
Mr.	Byron K.	Huffman	Manager	FAA Airports Division	222 W. 7th Ave., Ste. 14



City	State	ZIP Code	Country or Regi	Home Phone	Work Phone	E-mail Address
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99501				
Anchorage	Alaska	99513				
Anchorage	Alaska	99506-0898				
Anchorage	Alaska	99509-2617				
Anchorage	Alaska	99518				
Dillingham	Alaska	99576				
Anchorage	Alaska	99501				
Ekwok	Alaska	99580-0049				
Ekwok	Alaska	99580-1189				
Ekwok	Alaska	99580-0070				
Anchorage	Alaska	99513				



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
U.S. ARMY ENGINEER DISTRICT, ALASKA  
REGULATORY DIVISION  
P.O. BOX 6898  
ELMENDORF AFB, ALASKA 99506-0898

OCT 23 2008

Regulatory Division  
POA-2008-1250

Ms. Diana Rigg  
WHPacific  
300 West 31<sup>st</sup> Avenue  
Anchorage, Alaska 99503

Dear Ms. Rigg:

This is in response to your request, on behalf of the Ekwok Village Council, for comments on a proposed landfill and access road in Ekwok, Alaska. The project site is located within Sections 34 and 35, T. 9 S., R. 49 W., Seward Meridian; USGS Quad Map Dillingham B-4; Latitude 59.3558° N., Longitude 157.4956° W.; in Ekwok, Alaska. It has been assigned number POA-2008-1250, Klutuk Creek, which should be referred to in all correspondence with us.

Based on our review of the information you furnished, we have determined the above property contains waters of the U.S., including wetlands, under the Corps' regulatory jurisdiction. A copy of the Approved Jurisdictional Determination form is available at <http://www.poa.usace.army.mil/reg/ApprovedJDs.htm> under the above file number.

Therefore, DA authorization is required if you propose to place dredged and/or fill material into waters of the U.S., including wetlands. Enclosed is a pamphlet to assist you in applying for a DA permit.

Section 404 of the Clean Water Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including jurisdictional wetlands (33 U.S.C. 1344). The Corps defines wetlands as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

This approved jurisdictional determination is valid for five (5) years from the date of this letter, unless new information supporting a revision is provided to us before the expiration date. Enclosed is a Notification of Administrative Appeal Options and Process and Request for Appeal form (see section titled "Approved Jurisdictional Determination").

Nothing in this letter excuses you from compliance with other Federal, State, or local statutes, ordinances, or regulations.

You may contact me via email at [don.p.kuhle@usace.army.mil](mailto:don.p.kuhle@usace.army.mil), by mail at the address above, by phone at (907) 753-2780, or toll free from within Alaska at (800) 478-2712, if you have questions. For additional information about our Regulatory Program, visit our web site at [www.poa.usace.army.mil/reg](http://www.poa.usace.army.mil/reg).

Sincerely,



Don P. Kuhle  
Project Manager

Enclosures

DIL  
~~SECRET~~ B4



United States Department of Agriculture  
 Rural Development  
 Alaska USDA Service Center

September 29, 2008

Ms. Judith Bittner  
 State Historic Preservation Office  
 Alaska Office of History and Archaeology  
 550 W. 7<sup>th</sup> Ave., Suite 1310  
 Anchorage, AK 99501-3565

No Historic Properties Affected  
 Alaska State Historic Preservation Officer  
 Date: 10-31-2008  
 File No.: 3130-1R RD

**SUBJECT:** City of Ekwok  
 Landfill project  
**Finding of No Historic Properties Affected**

The City of Ekwok, Alaska, with potential funding from the U.S. Department of Agriculture – Rural Development (USDA-RD) is proposing to construct a new landfill and close the existing landfill in the community of Ekwok. Ekwok is located along the Nushagak River, 43 miles northeast of Dillingham, and 285 miles southwest of Anchorage.

Pursuant to 36 CFR 800.4(d)(1), implementing regulations of Section 106 of the National Historic Preservation Act, the USDA finds that no historic properties would be affected by the proposed project.

### Project Description

The purpose of the proposed project is to provide a new, one cell 3,000 CY capacity landfill that will be capable of being permitted by the State of Alaska Department of Environmental Conservation (ADEC). In addition to the closure of the existing landfill and the construction of new landfill site, the project includes upgrading an existing road/trail from the community to Klutuk Creek, a new bridge across the creek, and new access road from the creek to the proposed landfill site. The funding requested from USDA-RD is only for the closure and construction of the landfills.

### Area of Potential Effect

Ground disturbing activities needed to construct the new landfill and access road would occur within some existing rights-of-way and easements, although additional easements and property would need to be acquired in some areas. The Area of Potential Effect (APE) for this project includes the existing road corridor, the proposed road corridor, and the proposed landfill site. Figure 1 shows the APE for the proposed project.

Initiation of consultation letters were mailed on August 14, 2008, and included the following tribal contacts and other consulting parties: Ekwok Village Council, Ekwok Natives Limited,

800 West Evergreen • Suite 201 • Palmer, AK 99645  
 Phone: (807) 781-7706 • Fax: (807) 781-7783 • TDD: (807) 781-7755

Committed to the future of rural communities.

\*USDA is an equal opportunity provider, employer and lender.\*  
 To file a complaint of discrimination write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, DC 20260-8410 or call (800)795-3272 (voice) or (202) 720-6382 (TDD).

City of Ekwok, and Bristol Bay Native Corporation. As of today, no responses have been received from the entities that were mailed the scoping letter regarding the project.

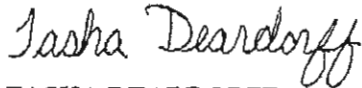
### Recommendation

A finding of "No Historic Properties Affected" has been made. Your concurrence with this finding is requested. This finding was based on:

- The Alaska Heritage Resources Survey (AHRs) was consulted to determine if there were known resources in the vicinity of the project. There are two historic properties located in Ekwok. The original village is listed as site DIL-00009 and the Russian Orthodox Church is listed as DIL-00021. The two identified sites are not adjacent or within the proposed project area. The proposed project is downstream from the original village site, west of Klutuk Creek. The church is located south of the proposed project near the banks of the Nushagak River, and is in close proximity to the school.
- Reviews of aerial photographs show no structures within the APE and no predominant land features which would lend themselves to historic, cultural, or subsistence use.
- No archaeological, historical, cultural and/or religious sites that could be affected by this project have been identified by tribal entities or the SHPO.

Please direct your concurrence or comments to Tasha Deardorff at the address above or by telephone at 907-761-7726

Sincerely,



TASHA DEARDORFF  
Community Programs Specialist

Attachments: Figure 1 – Location and Vicinity map/aerial photograph

cc: Lorraine King, Ekwok Village Council  
Diana Rigg, WH Pacific  
Richard Stermer, City of Ekwok  
Luki Akelkok, Sr, Ekwok Natives, Limited  
Ralph Andrews, Bristol Bay Native Association  
William Williams, RD Area Manager

## Rigg, Diana

---

**From:** gabriel.mahns@faa.gov  
**Sent:** Thursday, November 06, 2008 11:27 AM  
**To:** kpetersen@bristol-companies.com  
**Cc:** pat.oien@faa.gov; john.lovett@faa.gov; Marino, Lynn E (DEC); Vogel, Jim; Luetters, Susan; harvey.douthit@alaska.gov; Bruce.Greenwood@faa.gov; eric.g.helms@faa.gov; Rigg, Diana  
**Subject:** Re: Fw: Ekwok Lagoon  
**Attachments:** FAA Correspondence.pdf

Mr. Petersen,

We received your letter concerning the improvements to the City of Ekwok sewage lagoon. We also received a request from WHPacific to relocate the Ekwok Landfill.

As you know the FAA waste facility separation standard for this type of airport is 5,000' radius (150/5200-33B). WHPacific is proposing to relocate the Landfill outside the 5,000' radius from the airport. You are proposing to enhance the existing sewage lagoon at 2,100' southwest of Ekwok airport.

During our Environmental Assessment to the runway improvements a Wildlife Hazard Assessment was completed in coordination with USDA. At that time the National Wildlife Strike Database did not show any bird strikes. Our conclusion at that time was the waste facilities needed to be relocated and we strongly encourage the airport owner, Alaska DOT&PF, to communicate to the local governments the need to protect the airport from wildlife attractants.

The two waste facility proposals seem in part to improve the current conditions. Yet one of the two proposed facilities will be enhanced within the required 5,000' separation. Before we can provide you with a concurrence we would like USDA or a certified biologist, as per 150/5200-36, to update the Wildlife Hazard Assessment for the proposed waste facilities.

Sincerely yours,

---

Gabriel Mahns  
Alaskan Airports Division, AAL-615  
Federal Aviation Administration  
222 W. 7th Ave. Box # 14  
Anchorage, AK 99513-1587  
907-271-3665, Fax 907-271-2851

"Petersen, Kyle" <kpetersen@bristol-companies.com>

09/24/2008 02:58 PM

To John Lovett/AAL/FAA@FAA

cc "Marino, Lynn E (DEC)" <lynn.marino@alaska.gov>, "Vogel, Jim" <jvogel@bristol-companies.com>, "Luetters, Susan" <sluetters@bristol-companies.com>, <harvey.douthit@alaska.gov>

Subject Ekwok Lagoon

Please refer to the attached pdf file.

**Kyle Petersen, P.E.**

Civil Engineer

Bristol Environmental & Engineering Services Corporation

111 W. 16th Avenue, Third Floor

Anchorage, AK 99501-5109

Phone : (907) 563-0013

FAX : (907) 563-6713

[kpetersen@bristol-companies.com](mailto:kpetersen@bristol-companies.com)

<http://www.bristol-companies.com/>

Coastal Project Questionnaire and Certification Statement

The Coastal Project Questionnaire (CPQ) is a diagnostic tool that will identify the state and federal permit requirements for your project that are subject to a consistency review. You must answer all questions. If you answer "Yes" to any of the questions, please call that specific department for further instructions to avoid delay in processing your application. You can find an agency contact list online at http://alaskacoast.state.ak.us/Contacts/PRCregcont.html.

A complete project packet includes accurate maps and plan drawings at scales large enough to show details, copies of your state and federal permit applications, your answers to this questionnaire, and a complete consistency evaluation. DCOM will notify you within 21 days of receipt if the packet is incomplete and what information is still required.

For additional information or assistance, you may call or email the Juneau Project Review at (907) 465-2142, or the Anchorage Project Review at (907) 269-7478. This CPQ document contains numerous hyperlinks (underlined text that has a connection to an internet web page) and is best viewed on-line. Additional instructions are available at http://www.alaskacoast.state.ak.us/Projects/pcpq.html

APPLICANT INFORMATION

Form with two columns for applicant information: 1. Lorraine King and 2. Diana Rigg. Fields include Name of Applicant, Address, City/State/Zip, Daytime Phone, Fax Number, and E-mail Address.

PROJECT INFORMATION

- 1. This activity is a: [X] new project [ ] modification or addition to an existing project
2. If this is a modification or an addition, do you currently have any State, federal or local approvals for this activity? [X] Yes [ ] No

NOTE: Approval means any form of authorization. If "yes," please list below:

Table with 4 columns: Approval Type, Approval #, Issuance Date, Expiration Date. Contains 5 empty rows for data entry.

- 3. If this is a modification, was this original project reviewed for consistency with the Alaska Coastal Management Program? [X] Yes [ ] No
Previous ACMP I.D. Number: None
Previous Project Name: none Previous Project Applicant: none

PROJECT DESCRIPTION

Attach a complete and detailed narrative description of your new project or of your modification/addition including ALL associated facilities and changes to the current land or water use (if not already attached as part of an agency application). Clearly delineate the project boundaries and all property owners, including owners of adjacent land, on the site plan. The



**State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management**

scale of the maps and plan drawings must be large enough to show pertinent details. Identify your proposed footprint or disturbed area. If this project is a modification to an approved project, identify existing facilities and proposed changes on the site plan.

Proposed starting date for project: Summer 2010 Proposed ending date for project: November 31, 2012

**PROJECT LOCATION and LAND OWNERSHIP**

Yes No

4. Describe/identify the project location on a map (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Township 9S Range 49W Section 35 Meridian Seward

Latitude/Longitude 59.349720°N / -157.475280°W (specify Decimal Degrees or Degrees, Minutes, Seconds)

USGS Quad Map Dillingham B-4

5. The project is located on:  State land or water\*  Federal land  Private land  Municipal land  
(Check all that apply)  Mental Health Trust land  University of Alaska land

Contact the applicable landowner(s) to obtain necessary authorization. State land ownership can be verified using Alaska Mapper. \*State land can be uplands, tidelands or submerged lands to 3 miles offshore.

6. Is the project within or associated with the Trans Alaska Pipeline corridor?  Yes  No

**COASTAL DISTRICT**

Yes No

7. Is the project located in a coastal district?  Yes  No

If yes, identify the applicable coastal district(s) Bristol Bay Coastal Resource Service Area and contact them to ensure your project conforms with district policies and zoning requirements. Coastal districts are a municipality or borough, home rule or first class city, second class municipality with planning powers, or coastal resource service area. A coastal district is a participant in the State's consistency review process. Early interaction with the district can benefit you significantly; please contact the district representative listed on the contact list at <http://www.alaskacoast.state.ak.us/Contacts/PRCregcont.html>

**DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVALS**

**DNR DIVISION OF MINING, LAND & WATER- LAND SECTION**

Yes No

1. Is the proposed project on State-owned land or water or will you need to cross State-owned land for access? (NOTE: State land includes the land below the ordinary high water line of navigable streams, rivers and lakes, and in marine waters, below the mean high tide line seaward for three miles. State land does not include Alaska Mental Health Trust Land or University of Alaska Land.)  Yes  No

2. If you answered yes to the question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity?  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MATERIALS SECTION**

Yes No

3. Do you plan to dredge or otherwise excavate or remove materials such as rock, sand, gravel, peat, or overburden from any land regardless of ownership?  Yes  No

a) Location of excavation site if different than the project site: Same  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

4. At any one site (regardless of land ownership), do you plan any of the following?  Yes  No

Excavate five or more acres over a year's time

Excavate 50,000 cubic yards or more of materials (rock, sand, gravel, soil, peat, overburden, etc.) over a year's time

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- Have a cumulative, un-reclaimed, excavated area of five or more acres
5. Do you plan to place fill or excavated material on State-owned land? .....  X
- a) Location of fill or material disposal site if different than the project site: \_\_\_\_\_  
 Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_
6. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  X
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MINING SECTION**

- |  |            |           |
|--|------------|-----------|
|  | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
7. Do you plan to mine for locatable minerals such as silver, gold, or copper? .....  X
8. Do you plan to explore for or extract coal? .....  X
9. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  X
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- WATER SECTION**

- |  |            |           |
|--|------------|-----------|
|  | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
10. Will this project or development divert, impound, withdraw, or use any fresh water (regardless of land ownership)?  
 (NOTE: If you know of other water users who withdraw from the same source or any potential conflicts affecting this use of water, contact the Water Section. If you are obtaining water exclusively from either an existing Public Water Supply or from a rainwater catchment system, you are not required to contact the DNR Water Section regional office.) .....  X
- a) Check all points-of-withdrawal or water sources that apply:
- Public Water system (name): \_\_\_\_\_
- Stream or Lake (name): Klutuk Creek
- Well
- Rain catchment system
- Other: \_\_\_\_\_
- b) Intended use(s) of water: Dust Control
- c) Amount (maximum daily, not average, in gallons per day): Not greater than 2,000/day
- d) Is the point of water withdrawal on property you own? .....  X
11. Do you plan to build or alter a dam (regardless of land ownership)? .....  X
12. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? ..... X
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: Water Rights Ap attached

**DNR DIVISION OF FORESTRY**

- |  |            |           |
|--|------------|-----------|
|  | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
13. Does your operation meet **both** of the following criteria on any land, regardless of ownership?
- a) The project will commercially harvest timber on 10 or more acres, or commercially harvest timber that intersects, encompasses, or borders on surface waters, **and**
- b) The project involves one or more of the following: site preparation, thinning, slash treatment, construction and maintenance of roads associated with a commercial timber harvest, or any other activity leading to or connected to a commercial timber harvest operation. ....  X

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14. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Forestry regional office for information.   
a) Name/date of Contact: \_\_\_\_\_  
b) Is an application required for the proposed activity? .....  X  
c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF OIL & GAS**

- |  |                          |           |
|--|--------------------------|-----------|
|  | <b>Yes</b>               | <b>No</b> |
| 15. a) Will you be exploring for or producing oil and/or gas? .....  | <input type="checkbox"/> | X         |
| b) Will you conduct surface use activities on/within an oil and gas lease or unit? .....   | <input type="checkbox"/> | X         |
| If yes, please specify: _____  |                          |           |
| 16. Do you plan to drill a geothermal well (regardless of land ownership)? .....   | <input type="checkbox"/> | X         |
| 17. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Oil &amp; Gas</u> office for information. |                          |           |
| a) Name/date of Contact: _____   |                          |           |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | X         |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____       |                          |           |
| Visit the <u>Division of Oil &amp; Gas website</u> for application forms and additional information.   |                          |           |

**DNR OFFICE OF HISTORY & ARCHAEOLOGY**

- |   |                          |                               |
|---|--------------------------|-------------------------------|
|   | <b>Yes</b>               | <b>No</b>                     |
| 18. Will you investigate, remove, or impact historical, archaeological or paleontological resources (anything over 50 years old) on State-owned land? ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| 19. If you answered yes to the question above, indicate the person you contacted at the <u>State Historic Preservation Office</u> for information.          |                          |                               |
| a) Name/date of Contact: _____  |                          |                               |

**DNR DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS**

- |   |                          |                               |
|---|--------------------------|-------------------------------|
|   | <b>Yes</b>               | <b>No</b>                     |
| 20. Is the proposed project located within a natural hazard area designated by a coastal district in the approved district plan? (Refer to the <u>district plan</u> or contact the <u>coastal district office</u> .) .....  | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| a) If "yes", describe the measures you will take in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by the designated natural hazard(s) in the Natural Hazards portion of the attached Coastal Consistency Evaluation (11 AAC 112.210). |                          |                               |
| 21. If you have contacted someone, please indicate the person you contacted at the <u>Coastal District</u> or the <u>State</u> for information. The <u>Division of Geological &amp; Geophysical Survey</u> may have additional information on hazards for the area.   |                          |                               |
| a) Name/date of Contact: _____  |                          |                               |

**DNR DIVISION OF PARKS & OUTDOOR RECREATION**

- |   |                          |                               |
|---|--------------------------|-------------------------------|
|   | <b>Yes</b>               | <b>No</b>                     |
| 22. Is the proposed project located in a unit of the Alaska State Park System including navigable waters, tidelands or submerged lands to three miles offshore? .....     | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| 23. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>DNR Division of Parks &amp; Recreation</u> office for information. |                          |                               |
| a) Name/date of Contact: _____  |                          |                               |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | X                             |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                    |                          |                               |

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**DNR APPROVALS**

List the Department of Natural Resources permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Water Rights	Same as CPQ

**■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS**

- |  | Yes                      | No                            |
|--|--------------------------|-------------------------------|
| 1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary? .....   | <input type="checkbox"/> | X                             |
| 2. Does your project include construction/operation of a salmon hatchery? .....  | <input type="checkbox"/> | X                             |
| 3. Does your project affect, or is it related to, a previously permitted salmon hatchery? .....  | <input type="checkbox"/> | X                             |
| 4. Does your project include construction of an aquatic farm? .....  | <input type="checkbox"/> | X                             |
| 5. Will you work in, remove water or material from, or place anything in, a stream, river or lake? <i>(NOTE: This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide. If the proposed project is located within a special flood hazard area, a municipal floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.)</i> ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| a) If yes, name of waterbody: _____  |                          |                               |
| 6. If you answered yes to any questions above, indicate the person you contacted at the appropriate <u>Department of Fish and Game</u> office for information. <i>(For projects involving Hatcheries or Aquatic Farms, please contact the <u>Division of Commercial Fisheries</u>. Other projects should contact the <u>Division of Habitat</u>.)</i>  |                          |                               |
| a) Name/date of Contact: _____   |                          |                               |
| b) Is an application required for the proposed activity? .....   |                          | X                             |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: <u>All road and bridge work will take place above ordinary high water</u>   |                          |                               |

**DFG APPROVALS**

List the Department of Fish and Game permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted

**■ DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS**

**DEC DIVISION OF WATER**

- |  | Yes                      | No                            |
|--|--------------------------|-------------------------------|
| 1 a) Will a discharge of non-domestic wastewater to lands, waters, or the subsurface of the state occur? <i>(NOTE: Non-domestic wastewater includes wastewater from commercial or industrial facilities, excavation projects, wastewater from man-made containers or containment areas, or any other non-domestic wastewater disposal activities see 18 AAC 72.990 for definitions.)</i> ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| b) Will a discharge of domestic wastewater or septage to lands, waters or the subsurface of the state occur? <i>(see 18 AAC 72.990 for definitions.)</i> .....   | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| c) Will the wastewater disposal activity require a mixing zone or zone of deposit to meet Water Quality Standards (WQS)? <i>(Many disposal activities require a mixing zone to meet WQS, contact DEC if unsure.)</i> .....   | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| d) Will the project include a stormwater collection/discharge system? .....  | <input type="checkbox"/> | X                             |
| e) Will the project include placing fill in wetlands? .....  |                          | X                             |
| f) Is the surrounding area inundated with water at any time of the year? .....   |                          | X                             |

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- g) Do you intend to construct, install, modify or use any part of a domestic or non-domestic wastewater treatment or disposal system? .....  X
- 2. Does your project qualify for a general permit for wastewater? .....  X
- 3. If you answered yes to any questions above, indicate the person you contacted at the DEC-Division of Water for information.
  - a) Name/date of Contact: \_\_\_\_\_
  - b) Is an application required for the proposed activity? ..... X
  - c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: ADEC must review and approve drainage plans and landfill design as part of final design

**DEC DIVISION OF ENVIRONMENTAL HEALTH**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 4 a) Will your project result in construction, modification, or operation of a facility for solid waste disposal? ( <i>NOTE: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.</i> ) .....                     | X                        | <input type="checkbox"/> |
| b) Will your project result in treatment of solid waste at the site? ( <i>Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.</i> ) .....   | X                        | <input type="checkbox"/> |
| c) Will your project result in storage or transfer of solid waste at the site? .....   | <input type="checkbox"/> | X                        |
| d) Will the project result in storage of more than 50 tons of materials for reuse, recycling, or resource recovery? .....  | <input type="checkbox"/> | X                        |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site? ( <i>NOTE: Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi- solid or liquid residues produced during the treatment of domestic sewage in a treatment works which are land applied for beneficial use.</i> ) ..                          | <input type="checkbox"/> | X                        |
| 5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals? .....   | <input type="checkbox"/> | X                        |
| 6. Does your project qualify for a general permit for solid waste? .....   | <input type="checkbox"/> | X                        |
| 7. If you answered yes to any question above, indicate the person you contacted at the <u>DEC- Division of Environmental Health</u> for information. <ul style="list-style-type: none"> <li>a) Name/date of Contact: _____</li> <li>b) Is an application required for the proposed activity? ..... <input type="checkbox"/> X</li> <li>c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____</li> </ul> |                          |                          |

**DEC DIVISION OF AIR QUALITY**

- |   | Yes                      | No |
|---|--------------------------|----|
| 8 a) Will you have an asphalt plant designed to process no less than <i>five tons per hour</i> of product? .....  | <input type="checkbox"/> | X  |
| b) Will you have a thermal remediation unit with a rated capacity of at least five tons per hours of untreated material? ..   | <input type="checkbox"/> | X  |
| c) Will you have a rock crusher with a rated capacity of at least five tons per hour? .....   | <input type="checkbox"/> | X  |
| d) Will you have one or more incinerators with a cumulative rated capacity of 1,000 pounds or more per hour? .....  | <input type="checkbox"/> | X  |
| e) Will you have a coal preparation plant? .....  | <input type="checkbox"/> | X  |
| f) Will you have a Port of Anchorage stationary source? .....   | <input type="checkbox"/> | X  |
| g) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?.....  | <input type="checkbox"/> | X  |
| h) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?..... | <input type="checkbox"/> | X  |
| i) Will you be constructing a new stationary source with a potential to emit greater than: .....  | <input type="checkbox"/> | X  |
| <input type="checkbox"/> 15 tons per year (tpy) of PM-10  |                          |    |
| <input type="checkbox"/> 40 tpy of nitrogen oxides  |                          |    |
| <input type="checkbox"/> 40 tpy of sulfur dioxide   |                          |    |
| <input type="checkbox"/> 0.6 tpy of lead; or  |                          |    |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area   |                          |    |

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- j) Will you be commencing construction, or (if not already authorized under 18 AAC 50) relocating a portable oil and gas operation? (answer "yes" unless you will comply with an existing operating permit developed for the portable oil and gas operation at the permitted location; or you will operate as allowed under AS 46.14.275 without an operating permit)  X
- k) Will you be commencing construction or (if not already authorized under 18 AAC 50) relocating an emission unit with a rated capacity of 10 million Btu or more per hour in a sulfur dioxide special protection area established under 18 AAC 50.025?  X
- l) Will you be commencing a physical change to or a change in the method of construction of an existing stationary source with a potential to emit an air pollutant greater than an amount listed in g) that will cause for that pollutant an emission increase (calculated at your discretion) as either an increase in potential to emit that is greater than:
- 10 tpy of PM-10
  - 10 tpy of sulfur dioxide
  - 10 tpy of nitrogen oxides; or
  - 100 tpy of CO within 10 km of a nonattainment area; or actual emissions and a net emissions increase greater than:
    - 10 tpy of PM-10
    - 10 tpy of sulfur dioxide
    - 10 tpy of nitrogen oxides; or
    - 100 tpy of CO within 10 km of a nonattainment area
- m) Will you be commencing construction or making a major modification of a Prevention of Significant Deterioration stationary source under 18 AAC 50.306?  X
- n) Will you be commencing construction or making a major modification of a nonattainment area major stationary source under 18 AAC 50.311?  X
- o) Will you be commencing construction or reconstructing a major stationary source under 18 AAC 50.316, for hazardous air pollutants? Definition of Regulated Air Pollutants can be found at <http://www.epa.gov/ttn/oarpg/t5/memoranda/rapdef.pdf>  X
9. If you answered yes to any questions above, indicate the person you contacted at the DEC- Division of Air Quality for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity?  X
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC DIVISION OF SPILL PREVENTION AND RESPONSE**

- |   | Yes                      | No                            |
|---|--------------------------|-------------------------------|
| 10 a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system? ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil? .....                       | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| c) Will you operate facilities on land or water for exploration or production of hydrocarbons? .....  | <input type="checkbox"/> | X                             |
| 11. If you answered yes to any questions above, indicate the person you contacted at the <u>DEC-Division of Spill Prevention and Response</u> office for information.   |                          |                               |
| a) Name/date of Contact: _____  |                          |                               |
| b) Is a plan required for the proposed activity? .....  | <input type="checkbox"/> | X                             |
| c) If "YES" then submit a signed copy of the completed Oil Discharge Prevention & Contingency Plan to the DCOM. If "No", explain why an application isn't required. Explanation: _____  |                          |                               |

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**DEC APPROVALS**

List the Department of Environmental Conservation permits or authorizations required for your project below:

Types of plan approvals or permits needed	Date application submitted

**FEDERAL APPROVALS**

**U.S. ARMY CORPS OF ENGINEERS (USACE)**

- |   | Yes                      | No                            |
|---|--------------------------|-------------------------------|
| 1. Will you discharge dredged and/or fill material or perform dredging activities in waters of the U.S? Section 404 of the Clean Water Act requires that a Department of the Army permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including wetlands (33 U.S.C. 1344). (Your application to the USACE would also serve as application for DEC Water Quality Certification.) .....  | <input type="checkbox"/> | X                             |
| 2. Will you place fill or structures or perform work in waters of the U.S? Section 10 of the Rivers and Harbors Act of 1899 requires that a Department of the Army permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403) (Waters of the U.S. include marine waters subject to the ebb and flow of the tide, rivers, streams, lakes tributaries, and wetlands. If you are not certain whether your proposed project is located within a wetland, contact the USACE Regulatory Division to request a wetlands determination. For additional information about the Regulatory Program, visit <a href="http://www.poa.usace.army.mil/reg">www.poa.usace.army.mil/reg</a> ) ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| 3. If you answered yes to the question above, indicate the person you contacted at the <u>US Army Corps of Engineers</u> for information.   |                          |                               |
| a) Name/date of Contact: _____  |                          |                               |
| b) Is an application required for the proposed activity? .....  |                          | X                             |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____  |                          |                               |

**BUREAU OF LAND MANAGEMENT (BLM)**

- |  | Yes                      | No |
|--|--------------------------|----|
| 4. Is the proposed project located on BLM land, or will you need to cross BLM land for access? .....   | <input type="checkbox"/> | X  |
| 5. If you answered yes to the question above, indicate the person you contacted at the <u>Bureau of Land Management</u> for information.               |                          |    |
| a) Name/date of Contact: _____   |                          |    |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | X  |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____ |                          |    |

**U.S. COAST GUARD (USCG)**

- |  | Yes                      | No |
|--|--------------------------|----|
| 6 a) Do you plan to construct a bridge or causeway over tidal (ocean) waters, or navigable rivers, streams or lakes? .....                             | <input type="checkbox"/> | X  |
| b) Does your project involve building an access to an island? .....  | <input type="checkbox"/> | X  |
| c) Do you plan to site, construct, or operate a deepwater port? .....  | <input type="checkbox"/> | X  |
| 7. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>US Coast Guard</u> office for information.       |                          |    |
| a) Name/date of Contact: _____   |                          |    |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | X  |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____ |                          |    |

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)**

- |  | Yes                      | No |
|--|--------------------------|----|
| 8 a) Will the proposed project have a discharge to any waters? ..... | <input type="checkbox"/> | X  |
| b) Will you dispose of sewage sludge? .....                          | <input type="checkbox"/> | X  |

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- c) Will construction of your project expose 1 or more acres of soil? *(NOTE: This applies to the total amount of land disturbed, even if disturbance is distributed over more than one season, and also applies to areas that are part of a larger common plan of development or sale.)* .....
- d) Is your project an industrial facility that will have stormwater discharge directly related to manufacturing, processing, or raw materials storage areas at an industrial plant? If you answered yes to c) or d), your project may require an NPDES Stormwater permit .....

9. If you answered yes to any question above, indicate the person you contacted at the US Environmental Protection Agency for information.

- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**FEDERAL AVIATION ADMINISTRATION (FAA)**

- |   |                          |           |
|---|--------------------------|-----------|
|   | <b>Yes</b>               | <b>No</b> |
| 10 a) Is your project located within five miles of any public airport? .....                              |                          | X         |
| b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport? ..... | <input type="checkbox"/> | X         |
11. If you answered yes to the question above, indicate the person you contacted at the Federal Aviation Administration for information.
- a) Name/date of Contact: Scoping letter sent to FAA August 14, 2008 Gabriel Mahns responded \_\_\_\_\_

**FEDERAL ENERGY REGULATORY COMMISSION (FERC)**

- |   |                          |                               |
|---|--------------------------|-------------------------------|
|   | <b>Yes</b>               | <b>No</b>                     |
| 12 a) Does the project include any of the following: .....  | <input type="checkbox"/> | X                             |
| 1) a non-federal hydroelectric project on any navigable body of water   |                          |                               |
| 2) locating a hydro project on federal land (including transmission lines)  |                          |                               |
| 3) using surplus water from any federal government dam for a hydro project  |                          |                               |
| b) Does the project include construction and operation, or abandonment of interstate natural gas pipeline facilities under sections 7 (b) and (c) of the Natural Gas Act (NGA)? ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| c) Does the project include construction and operation of natural gas or liquefied natural gas importation or exportation facilities under section 3 of the NGA? .....                | <input type="checkbox"/> | X<br><input type="checkbox"/> |
| d) Does the project include construction for physical interconnection of electric transmission facilities under section 202 (b) of the FPA? .....                                     | <input type="checkbox"/> | X<br><input type="checkbox"/> |

13. If you answered yes to any question above, indicate the person you contacted at the appropriate Federal Energy Regulatory Commission office for information.

- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FOREST SERVICE (USFS)**

- |  |                          |                               |
|--|--------------------------|-------------------------------|
|  | <b>Yes</b>               | <b>No</b>                     |
| 14 a) Does the proposed project involve construction on USFS land? .....   | <input type="checkbox"/> | X                             |
| b) Does the proposed project involve the crossing of USFS land with a water line? .....  | <input type="checkbox"/> | X                             |
| c) The current list of Forest Service permits that require ACMP consistency review are online at <a href="http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf">http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf</a> in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of Forest Service authorizations found on pages 28-30 of the ACMP Handbook? ..... | <input type="checkbox"/> | X<br><input type="checkbox"/> |

15. If you answered yes to any question above, indicate the person you contacted at United States Forest Service for information.



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- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  Yes  No
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FISH AND WILDLIFE SERVICE (USFWS)**

- 16 a) Is your proposed project on land managed by the USFWS? .....  Yes  No
- b) Does your project require a Right of Way from the USFWS under 50 C.F.R. 29 and 50 C.F.R 36? .....  Yes  No
17. If you answered yes to any question above, indicate the person you contacted at the US Fish and Wildlife Service for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  Yes  No
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**OTHER FEDERAL AGENCY APPROVALS**

- 18 a) Other Federal agencies with authorizations reviewable under the Alaska Coastal Management Program are posted online at [http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11\\_AAC\\_110.pdf](http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf) in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of the Federal agency authorizations found on pages 28-30 of the ACMP Handbook? .....  Yes  No
- b) If yes, which federal authorizations? \_\_\_\_\_

19. Have you applied for any other federal permits or authorizations? .....  Yes  No

Agency	Approval Type	Date Submitted

**Note: The Coastal Project Questionnaire (CPQ) identifies state and federal permits subject to a consistency review. You may need additional permits from other agencies or the affected city and borough government to proceed with your activity. Attach the documentation requested under the Project Description.**

**ACMP Consistency Evaluation & Certification Statement**

Pursuant to 11 AAC 110.215 (a)(1)(c), the applicant shall submit an evaluation of how the proposed project is consistent with the statewide standards at 11 AAC 112.200 - 11 AAC 112.990 and with the applicable district enforceable policies, sufficient to support the consistency certification. Evaluate your project against each section of the state standards and applicable district enforceable policies using the template below or by submitting a narrative description in letter or report form. District enforceable policies are available on the ACMP website at <http://www.alaskacoast.state.ak.us>. Definitions of key terms can be found at: 11 AAC 110.990, 11 AAC 112.990 and 11 AAC 114.990.

If you need more space for an adequate explanation of any of the applicable standards, please attach additional pages to the end of this document. Be sure to include references to the specific sections and subsections that you are evaluating.

**STATEWIDE STANDARDS**

**11 AAC 112.200. Coastal Development**

**Standard:**

- (a) In planning for and approving development in or adjacent to coastal waters, districts and state agencies shall manage coastal land and water uses in such a manner that those uses that are economically or physically dependent on a coastal location are given higher priority when compared to uses that do not economically or physically require a coastal location.
- (b) Districts and state agencies shall give, in the following order, priority to

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- (1) water-dependent uses and activities;
  - (2) water-related uses and activities; and
  - (3) uses and activities that are neither water-dependent nor water-related for which there is no practicable inland alternative to meet the public need for the use or activity.
- (c) The placement of structures and the discharge of dredged or fill material into coastal water must, at a minimum, comply with the standards contained in 33 CFR Parts 320 - 323, revised as of July 1, 2003.

**Evaluation:**

(a) How is your project economically or physically dependent on a coastal location? Why are you proposing to place the project at the selected location? The proposed access road and landfill are not dependent on being in the coastal zone. The community of Ekwok is in the coastal zone necessitating that there be a review for initial projects and repairs.

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(b) Evaluation of development priority.

(1) How is the proposed project water-dependent? Explain.

(2) How is the proposed project water-related? Explain.

(3) If the proposed project is neither water-dependent nor water-related, please explain why there is not a practicable inland alternative that meets the public need for the use or activity. Explain. The project is not water-dependent. This project will allow the community to have a new landfill that meets FAA separation distances from the airport and that is consistent with ADEC regulations.

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(c)

*DCOM defers to the United States Corps of Engineers (USACE) to interpret compliance with the referenced standards.*  
If you plan to discharge or fill waters of the US, have you applied to the Corps of Engineers for the appropriate authorization?

The road alignment and landfill are in uplands. The bridge abutments will be placed on land above the ordinary high water line.

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**11 AAC 112.210. Natural hazard areas.**

**Standard:**

(a) In addition to those identified in 11 AAC 112.990, the department, or a district in a district plan, may designate other natural processes or adverse conditions that present a threat to life or property in the coastal area as natural hazards. Such designations must provide the scientific basis for designating the natural process or adverse condition as a natural hazard in the coastal area, along with supporting scientific evidence for the designation.

(b) Areas likely to be affected by the occurrence of a natural hazard may be designated as natural hazard areas by a state agency or, under 11 AAC 114.250(b), by a district.

(c) Development in a natural hazard area may not be found consistent unless the applicant has taken appropriate measures in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by known natural hazards.

(d) For purposes of (c) of this section, "appropriate measures in the siting, design, construction, and operation of the proposed activity" means those measures that, in the judgment of the coordinating agency, in consultation with the department's division of geological and geophysical surveys, the Department of Community and Economic Development as state coordinating agency for the National Flood Insurance Program under 44 C.F.R. 60.25, and other local and state agencies with expertise,

(1) satisfy relevant codes and safety standards; or

(2) in the absence of such codes and standards;

(A) the project plans are approved by an engineer who is registered in the state and has engineering experience concerning the specific natural hazard; or

(B) the level of risk presented by the design of the project is low and appropriately addressed by the project plans.

**Evaluation:**

(a) Describe the natural hazards designated in the district plan as they affect this site.

(b) Describe how the proposed project is designed to accommodate the designated hazards. How will you use site design

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and operate the proposed activity to protect public safety, services and the environment from potential damaged caused by known natural hazards? The October 2008 BBCRSA Plan Amendment discusses several types of Natural Hazards including earthquakes, tsunamis, volcanoes, landslides avalanches, flooding, erosion, storm surges and sea ice. Of these hazards, tsunamis, storm surges and sea ice probably do not apply to Ekwok. The Plan Amendment provides general direction for developing infrastructure and states "Location of development facilities and settlements in areas susceptible to hazards may not be appropriate or require appropriate design and mitigation measures." The road and bridge will be designed to the American Association of State Highway and Transportation Officials Guidelines for Geometric Design of Very Low-Volume Local Roads standards. This includes designing the bridge to pass a 50 year flood and will include seismic considerations.

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(d)(1) Describe the measures you will take to meet relevant codes and safety standards in the siting, design, construction and operation of the proposed activity.

(d)(2)(A) If your project is located in an area without codes and safety standards, how is your project engineered for the specific natural hazard? Give the name of the appropriately qualified registered engineer who will approve the plans for protecting public safety, services, and the environment from damage caused by hazards OR

(d)(2)(B) If the level of risk presented by the design of the project is low, how do the project plans and project design address the potential natural hazard? The appropriate codes to the design are stated above. A licensed (P.E.), qualified, engineer will approve the plans.

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**11 AAC 112.220. Coastal access.**

**Standard:**

Districts and state agencies shall ensure that projects maintain and, where appropriate, increase public access to, from, and along coastal water.

**Evaluation:**

Please explain how the proposed project will maintain and, where appropriate, increase public access to, from and along coastal water. The project may give local residents additional access to resources close in to Ekwok that currently does not exist. However, the project will not increase or alter access to, from and along coastal water.

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**11 AAC 112.230. Energy facilities.**

**Standard:**

(a) The siting and approval of major energy facilities by districts and state agencies must be based, to the extent practicable, on the following standards:

- (1) site facilities so as to minimize adverse environmental and social effects while satisfying industrial requirements;
- (2) site facilities so as to be compatible with existing and subsequent adjacent uses and projected community needs;
- (3) consolidate facilities;
- (4) consider the concurrent use of facilities for public or economic reasons;
- (5) cooperate with landowners, developers, and federal agencies in the development of facilities;
- (6) select sites with sufficient acreage to allow for reasonable expansion of facilities;
- (7) site facilities where existing infrastructure, including roads, docks, and airstrips, is capable of satisfying industrial requirements;
- (8) select harbors and shipping routes with least exposure to reefs, shoals, drift ice, and other obstructions;
- (9) encourage the use of vessel traffic control and collision avoidance systems;
- (10) select sites where development will require minimal site clearing, dredging, and construction;
- (11) site facilities so as to minimize the probability, along shipping routes, of spills or other forms of contamination that would affect fishing grounds, spawning grounds, and other biologically productive or vulnerable habitats, including marine mammal rookeries and hauling out grounds and waterfowl nesting areas;

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- (12) site facilities so that design and construction of those facilities and support infrastructures in coastal areas will allow for the free passage and movement of fish and wildlife with due consideration for historic migratory patterns;
  - (13) site facilities so that areas of particular scenic, recreational, environmental, or cultural value, identified in district plans, will be protected;
  - (14) site facilities in areas of least biological productivity, diversity, and vulnerability and where effluents and spills can be controlled or contained;
  - (15) site facilities where winds and air currents disperse airborne emissions that cannot be captured before escape into the atmosphere;
  - (16) site facilities so that associated vessel operations or activities will not result in overcrowded harbors or interfere with fishing operations and equipment.
- (b) The uses authorized by the issuance of state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction are uses of state concern.

**Evaluation:**

(a) If this standard applies to your project, please describe in detail how the proposed project is designed to meet each applicable section of this standard:

- (1) N/A to all \_\_\_\_\_
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_
- (7) \_\_\_\_\_
- (8) \_\_\_\_\_
- (9) \_\_\_\_\_
- (10) \_\_\_\_\_
- (11) \_\_\_\_\_
- (12) \_\_\_\_\_
- (13) \_\_\_\_\_
- (14) \_\_\_\_\_
- (15) \_\_\_\_\_
- (16) \_\_\_\_\_

(b) List the authorizations for state and federal leases, easements, contracts, rights-of-way, water rights, or permits for mineral and petroleum resource extraction you have applied for or received.

\_\_\_\_\_

**11 AAC 112.240. Utility routes and facilities.**

**Standard:**

- (a) Utility routes and facilities must be sited inland from beaches and shorelines unless
  - (1) the route or facility is water-dependent or water related; or
  - (2) no practicable inland alternative exists to meet the public need for the route or facility.
- (b) Utility routes and facilities along the coast must avoid, minimize, or mitigate
  - (1) alterations in surface and ground water drainage patterns;
  - (2) disruption in known or reasonably foreseeable wildlife transit;
  - (3) blockage of existing or traditional access.

**Evaluation:**

(a) If the proposed utility route or facility is sited adjacent to beaches or shorelines, explain how the route or facility is water dependent water related or why no practical inland alternative exists.

N/A \_\_\_\_\_

(b) If the proposed utility route or facility is sited along the coast, explain how you will avoid, minimize or mitigate:

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(1) alterations in surface and ground water drainage patterns;

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(2) disruption in known or reasonably foreseeable wildlife transit;

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(3) blockage of existing or traditional access.

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**11 AAC 112.250. Timber harvest and processing.**

**Standard:**

AS 41.17 (Forest Resources and Practices Act) and the regulations adopted under that chapter with respect to the harvest and processing of timber are incorporated into the program and constitute the components of the program with respect to those purposes.

**Evaluation:**

Does your activity involve harvesting or processing of timber? Yes \_\_\_\_\_ No X

If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

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**11 AAC 112.260. Sand and gravel extraction.**

**Standard:**

Sand and gravel may be extracted from coastal waters, intertidal areas, barrier islands, and spits if there is no practicable alternative to coastal extraction that will meet the public need for the sand or gravel.

**Evaluation:**

If your proposed project includes extracting sand or gravel from coastal waters, intertidal areas, barrier islands or spits, please explain why there is no practicable alternative to coastal extraction that meets the public need for sand or gravel.

N/A

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**11 AAC 112.270. Subsistence.**

**Standard:**

(a) A project within a subsistence use area designated by the department or under 11 AAC 114.250(g) must avoid or minimize impacts to subsistence uses of coastal resources.

(b) For a project within a subsistence use area designated under 11 AAC 114.250(g), the applicant shall submit an analysis or evaluation of reasonably foreseeable adverse impacts of the project on subsistence use as part of

(1) a consistency review packet submitted under 11 AAC 110.215; and

(2) a consistency evaluation under 15 C.F.R. 930.39, 15 C.F.R. 930.58, or 15 C.F.R. 930.76.

(c) Repealed I0/29//2004, Register 172.

(d) Except in nonsubsistence areas identified under AS 16.05.258, the department may, after consultation with the appropriate district, federally recognized Indian tribes, Native corporations, and other appropriate persons or groups, designate areas in which a subsistence use is an important use of coastal resources as demonstrated by local usage.

(e) For purposes of this section, "federally recognized Indian tribe," "local usage", and "Native corporation" have the meanings given in 11 AAC 114.990.

**Evaluation:**

(a) Is your proposed project located within a subsistence use area designated by a coastal district?'

Yes X No \_\_\_\_\_

If yes, please describe how the proposed project is designed to "avoid or minimize impacts to subsistence uses of coastal resources:"

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The Klutok River and a one mile corridor around it is a Designated Subsistence Use Area in the BBCRSA October 2008 Plan Amendment. The road and bridge crossing will be designed to standards and will meet all applicable guidelines. Additionally, the bridge and access road to the landfill on the west side of Klutok Creek/River will provide a surface transportation connection to land currently not readily accessible for subsistence use. Further, the community has requested that the bridge be at a sufficient elevation over Klutok Creek/River that they may pass beneath it in their boats on their way to upstream resources.

---

(b) If your project is located in a subsistence use area designated by the coastal district, provide an analysis or evaluation of its reasonably foreseeable adverse impacts to the subsistence uses.

About 13 and a half acres of land will be impacted by clearing and other construction related activities. This land is mostly thin woods and understory that provide habitat for moose and other subsistence use animals. This land will be removed from it's use for wildlife habitat. However, the project will open up a substantial amount of land for subsistence activity that is currently not readily accessible. Overall, the effect on subsistence activity from this project is expected to be beneficial.

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(c) No response required.

(d) If your project is not located in a designated subsistence use area, please describe any subsistence uses of coastal resources within the project area. Please be advised that subsistence use areas may be designated by the department during a review.

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(e) No response required.

**11 AAC 112.280. Transportation routes and facilities.**

**Standard:**

Transportation routes and facilities must avoid, minimize, or mitigate

- (1) alterations in surface and ground water drainage patterns;
- (2) disruption in known or reasonably foreseeable wildlife transit; and
- (3) blockage of existing or traditional access.

**Evaluation:**

If your proposed project includes transportation routes or facilities, describe how it avoids, minimizes, or mitigates

(1) alterations in surface and ground water drainage patterns; The road will be designed with appropriately placed cross culverts allowing surface drainage to continue unimpeded. The bridge is being designed as a clear span bridge with no piers or abutments below ordinary high water.

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(2) disruption in known or reasonably foreseeable wildlife transit; and There are no known wildlife transit corridors in the area. It is unlikely a 1 mile long road would shift patterns of wildlife transit.

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(3) blockage of existing or traditional access. The project, as proposed, does not block traditional access, rather it enhances access to subsistence resources.

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**11 AAC 112.300. Habitats.**

**Standard:**

(a) Habitats in the coastal area that are subject to the program are

- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;
- (4) tideflats;
- (5) rocky islands and sea cliffs;
- (6) barrier islands and lagoons;
- (7) exposed high-energy coasts;
- (8) rivers, streams, and lakes and the active floodplains and riparian management areas of those rivers, streams, and lakes; and
- (9) important habitat.

(b) The following standards apply to the management of the habitats identified in (a) of this section:

- (1) offshore areas must be managed to avoid, minimize, or mitigate significant adverse impacts to competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (2) estuaries must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) adequate water flow and natural water circulation patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (3) wetlands must be managed to avoid, minimize, or mitigate significant adverse impacts to water flow and natural drainage patterns;
  - (4) tideflats must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) water flow and natural drainage patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence uses, to the extent that those uses are determined to be in competition with the proposed use;
  - (5) rocky islands and sea cliffs must be managed to
    - (A) avoid, minimize, or mitigate significant adverse impacts to habitat used by coastal species; and
    - (B) avoid the introduction of competing or destructive species and predators;
  - (6) barrier islands and lagoons must be managed to avoid, minimize, or mitigate significant adverse impacts
    - (A) to flows of sediments and water;
    - (B) from the alteration or redirection of wave energy or marine currents that would lead to the filling in of lagoons or the erosion of barrier islands; and
    - (C) from activities that would decrease the use of barrier islands by coastal species, including polar bears and nesting birds;
  - (7) exposed high-energy coasts must be managed to avoid, minimize, or mitigate significant adverse impacts
    - (A) to the mix and transport of sediments; and
    - (B) from redirection of transport processes and wave energy;
  - (8) rivers, streams, and lakes must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) natural water flow;
    - (B) active floodplains; and
    - (C) natural vegetation within riparian management areas; and
  - (9) important habitat
    - (A) designated under 11 AAC 114.250(h) must be managed for the special productivity of the habitat in accordance with district enforceable policies adopted under 11 AAC 114.270(g); or
    - (B) identified under (c)(1)(B) or
    - (C) of this section must be managed to avoid, minimize, or mitigate significant adverse impacts to the special productivity of the habitat.
- (c) For purposes of this section,
- (1) "important habitat" means habitats listed in (a)(1) – (8) of this section and other habitats in the coastal area that are
    - (A) designated under 11 AAC 114.250(h);
    - (B) identified by the department as a habitat
  - (i) the use of which has a direct and significant impact on coastal water; and

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- (ii) that is shown by written scientific evidence to be biologically and significantly productive; or
- (C) identified as state game refuges, state game sanctuaries, state range areas, or fish and game critical habitat areas under AS 16.20;
- (2) "riparian management area" means the area along or around a waterbody within the following distances, measured from the outermost extent of the ordinary high water mark of the waterbody:
  - (A) for the braided portions of a river or stream, 500 feet on either side of the waterbody;
  - (B) for split channel portions of a river or stream, 200 feet on either side of the waterbody;
  - (C) for single channel portions of a river or stream, 100 feet on either side of the waterbody;
  - (D) for a lake, 100 feet of the waterbody.

**Evaluation:**

(a) List the habitats from (a) above that are within your proposed project area or that could be affected by your proposed project.

Klutok Creek.

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(b) Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above. The bridge is being designed as a clear span with no piers or abutments below ordinary high water.

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(c) No response required.

**11 AAC 112.310. Air, land and water quality**

**Standard:**

Notwithstanding any other provision of this chapter, the statutes and regulations of the Department of Environmental Conservation with respect to the protection of air, land, and water quality identified in AS 46.40.040(b) are incorporated into the program and, as administered by that department, constitute the exclusive components of the program with respect to those purposes.

**Evaluation:** No response required.

**11 AAC 112.320. Historic, prehistoric, and archeological resources.**

**Standard:**

(a) The department will designate areas of the coastal zone that are important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes.

(b) A project within an area designated under (a) of this section shall comply with the applicable requirements of AS 41.35.010 – 41.35.240 and 11 AAC 16.010 – 11 AAC 16.900.

**Evaluation:**

(a) Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area of the coastal zone that is important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes?

The Section 106 consultation process with SHPO was concluded October 31, 2008 with a "No Historic Properties Affected" determination.

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(b) If your project is within an area designated under (a) of this section, how will you comply with the applicable requirements in the statutes and regulations listed in (b)?

N/A

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**Affected Coastal District Enforceable Policies**

Evaluate each applicable district enforceable policy using a format similar to the one you completed above for the State Standards. District enforceable policies are available at <http://alaskacoast.state.ak.us/>. If you need more space for an adequate explanation of any of the applicable district enforceable policies, please attach additional pages to the end of this document.

**Applicable District Plan(s)** October 2008 BBCRSA Plan Amendment is in effect

**Enforceable Policy:** Policy A-1 covers Floating Facilities.

**Evaluation:** This project does not involve a floating facility.

**Enforceable Policy:** Policy B-1 involves activities in a Designated Recreation Area. "Activities shall be approved in designated recreational use areas only when they have no significant adverse impacts to recreation activities."

**Evaluation:** Klutuk Creek and a 1 mile corridor around it is a Designated Recreation Area. The net effect of the proposed road is to open up the area for more recreational uses as well as subsistence uses.

**Enforceable Policy:** Policy C-1 relates to areas designated for the study, understanding or illustration of historic and prehistoric resources. The BBCRSA designated all non-federal lands within the coastal zone boundary as "important to the study, understanding, etc."

**Evaluation:** SHPO concurred with "No Historic Properties Affected". Further, transportation routes are listed as "uses and activities that could be proposed for areas designated for history and prehistory..."

**Enforceable Policy:** Policy C-2 relates to previously undiscovered resources."

**Evaluation:** Although unlikely, the proposed project could disturb previously undiscovered resources. If so, a curation agreement will be developed between the landowner, appropriate state or federal authorities, and the curation facility.

**Certification Statement**

The information contained herein is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

\_\_\_\_\_  
Signature of Applicant or Agent

\_\_\_\_\_  
Date

*Note:* Federal agencies conducting an activity that will affect the coastal zone are required to submit a federal consistency determination, per 15 CFR 930, Subpart C, rather than this certification statement. ACMP has developed a guide to assist federal agencies with this requirement. Contact ACMP to obtain a copy.

This certification statement will not be complete until all required State and federal authorization requests have been submitted to the appropriate agencies.

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**Project Description:** Please provide or attach a brief description of your project including the planned work, any effects to coastal uses and resources and how your project is being designed to avoid, minimize and mitigate those effects.

The proposed action consists of constructing about 1 mile of road with a 22-foot wide top, 2, 9-foot travel lanes with 2-foot shoulders, a one-lane, clear span bridge over Klutuk Creek and a landfill that meets FAA's airport separation distance requirements and ADEC requirements for landfills. There will be no abutments or piers placed below ordinary high water.

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**Project Area:** Please provide or attach a map of your project location and your proposed work. (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Nearest Community: Ekwok, Alaska

Nearest Waterbody: Nushagak River

Legal Survey Description: T 9S, R 39W, Section 35 Seward Meridian, Dillingham

## 7.0 REFERENCES

- Alaska Department of Community and Economic Development (DCCED), (2008), *Alaska Community Database website, Community Profiles Online: Ekwok*, Website: [http://www.commerce.state.ak.us/dca/commdb/CF\\_COMDB.htm](http://www.commerce.state.ak.us/dca/commdb/CF_COMDB.htm)
- Alaska Department of Environmental Conservation (ADEC), (2007), *Contaminated Sites Database Search*, Website: <http://www.dec.state.ak.us/spar/csp/search/default.asp>
- Alaska Department of Fish and Game (ADF&G), (2008), *Anadromous Fish Stream Viewer*, Website: <http://www.sf.adfg.state.ak.us/SARR/AWC/index.cfm/FA/maps.maps>
- Alaska Department of Natural Resources, Division of Forestry  
<http://forestry.alaska.gov/stateforests.htm>
- Alaska Department of Natural Resources (ADNR), Division of Parks and Outdoor Recreation  
<http://www.dnr.state.ak.us/parks/aspbro/index.htm>
- Alaska Department of Natural Resources (ADNR) Division of Parks and Outdoor Recreation  
<http://www.dnr.state.ak.us/parks/oha/misc/dpor.htm>
- Alaska Department of Transportation & Public Facilities (2004) *Ekwok Airport Rehabilitation Environmental Assessment Project No. 55377*
- Coral Reefs: <http://www.coralreef.noaa.gov/#highlight5>
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