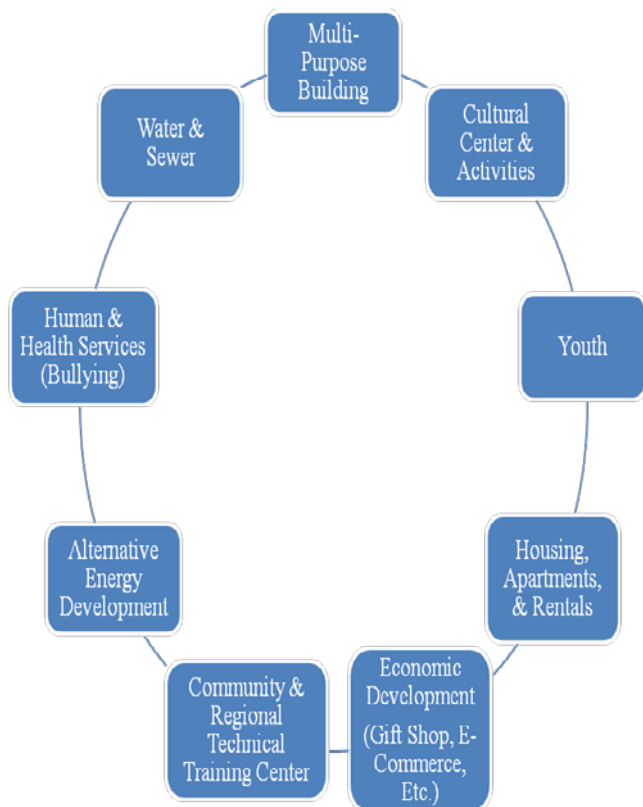


# SHISHMAREF LOCAL ECONOMIC DEVELOPMENT PLAN 2013-2018



## Top Priority Projects



## Prepared For:

The Community of Shishmaref and  
The Bering Strait Development Council

## Facilitated By:

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December 12-14, 2012



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**JOINT ENTITIES RESOLUTION**

**Native Village of Shishmaref  
City of Shishmaref  
Shishmaref Native Corporation**

**JOINT RESOLUTION #14-01**

**A RESOLUTION OF THE NATIVE VILLAGE OF SHISHMAREF ADOPTING THE 2013-2018 LOCAL ECONOMIC DEVELOPMENT PLAN (LEDP) APPLICABLE FROM July 1<sup>st</sup>, 2013 to June 30th, 2018.**

**WHEREAS**, the Native Village of Shishmaref IRA Council is the federally recognized governing body of the tribal members of Shishmaref, Alaska; and,

**WHEREAS**, the Shishmaref City Council is the municipal governing body of Shishmaref, Alaska; and,

**WHEREAS**, the Shishmaref Native Corporation is the village corporation established under ANCSA; and,

**WHEREAS**, the purpose of the Native Village of Shishmaref IRA Council, Shishmaref City Council, and Shishmaref Native Corporation Board are to serve the people, community, and businesses of the tribe by promoting economic opportunities that improve the economic, social, and environmental quality of life; and,

**WHEREAS**, the Native Village of Shishmaref IRA Council, Shishmaref City Council, and Shishmaref Native Corporation Board are responsible for the planning and implementation of economic development activities for the tribe in Shishmaref; and,

**WHEREAS**, the Native Village of Shishmaref IRA Council, Shishmaref City Council, and Shishmaref Native Corporation Board are responsible for the development and implementation of a community economic development strategy to guide the economic growth of the village in order to help increase local employment opportunities, foster a more stable and diversified economy, and improve the quality of life for residents, while maintaining the cultural heritage of the community; and,

**WHEREAS**, the LEDP provides the factual data support necessary to qualify for assistance in funding local projects; and,

**WHEREAS**, the Native Village of Shishmaref IRA Council in a Joint Meeting with the City of Shishmaref and the Shishmaref Native Corporation, with assistance from Kawerak Community Planning and Development Program staff, has updated its five-year LEDP that states the community's values, goals, objectives, and strategy necessary for guiding future growth and economic development of the village; and,

**WHEREAS**, the 2013-2018 economic development priorities listed in this LEDP were developed, reviewed, and approved by the community during a joint public meeting held on December 12, 13, and 14, 2012; and,

**WHEREAS**, we ask all public, private, and non-profit entities serving our community to recognize and use this plan; and,

NOW THEREFORE BE IT FURTHER RESOLVED, that the Native Village of Shishmaref IRA Council, Shishmaref City Council, and Shishmaref Native Corporation Board approves and adopts the five-year Shishmaref LEDP 2013-2018 and priorities for the tribe in Shishmaref, applicable between July 1<sup>st</sup>, 2013 and June 30th, 2018.

NOW THEREFORE BE IT FURTHER RESOLVED, the economic development priorities listed below for the Native Village of Shishmaref as reviewed, updated, re-prioritized, and approved on December 14<sup>th</sup>, 2012 are:

- Multi-purpose building
- Cultural Center & Activities
- Youth
- Housing Apartments, Rentals
- Economic Development
  - Gift Shop
  - E-commerce
  - Etc.
- Community & Regional Technical Training Center
- Alternative Energy Development
- Human & Health Services
  - Bullying
- Water & Sewer

**CERTIFICATION:** I certify that the foregoing resolution was adopted at a convened meeting of the Native Village of Shishmaref IRA Council on February 12, 2014 at which a quorum was present.


  
President, Native Village of Shishmaref

5/1/14  
Date

  
Secretary

5/2/14  
Date

**CERTIFICATION:** I certify that the foregoing resolution was adopted at a convened meeting of the Shishmaref City Council on 02/12/14 at which a quorum was present.

  
Mayor, City of Shishmaref

5-2-14  
Date

  
City Clerk

5/2/14  
Date

**CERTIFICATION:** I certify that the foregoing resolution was adopted at a convened meeting of the Shishmaref Native Corporation Board of Directors on 02/12/14 at which a quorum was present.

  
President, Shishmaref Native Corporation

5/2/14  
Date

  
Secretary

5/2/14  
Date

## 1.0 Purpose of the 2013-2018 Local Economic Development Plan (LEDP)

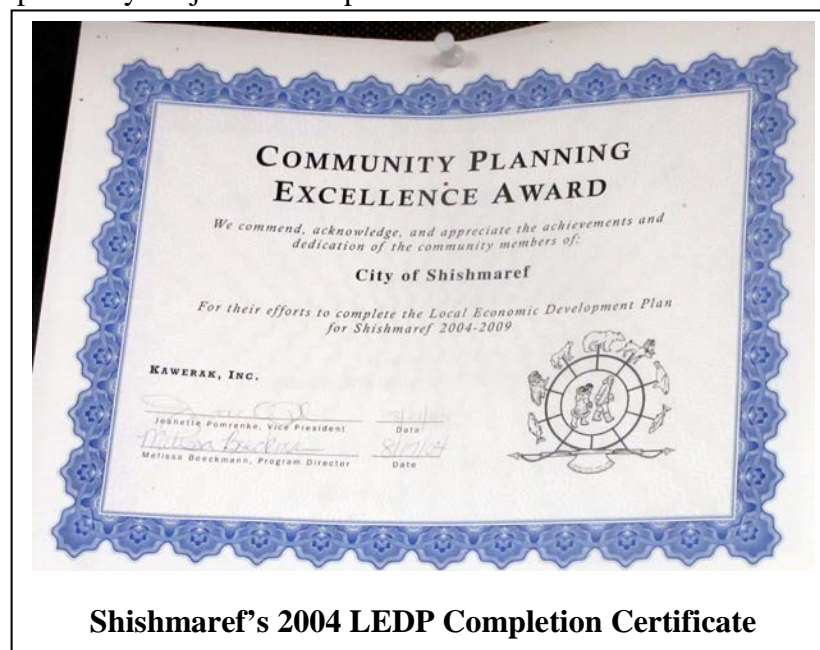
The LEDP is a critical step in the on-going development of the tribe and its efforts to improve community conditions and the well being of its members. This plan is structured to:

- Provide the community with a complete inventory of existing demographics, races, social conditions and services, economic conditions and activities, public services provided, and public and private facilities;
- Equip the community with the basic informational tools of local planning that accurately show land status and ownership as well as traditional resources and subsistence areas;
- Provide implementation strategies for development priorities including land use, public facilities and services, capital improvements, economic development and community governance;
- Place emphasis on the crucial development issues: economic and resource development, land use planning and needs of the community with regards to infrastructure, and priority capital improvement projects;
- Involve key decision makers to assist in the identification of common goals and direction to achieve those goals.

## 2.0 Planning Process and Public Involvement

### 2.1 Planning History and Accomplishments in Shishmaref

The Kawerak Community Planning and Development Program (CPD) worked with the Community of Shishmaref in developing its 2004 LEDP. LEDPs analyze local conditions, identify problems and opportunities, and develop goals, strategies and outcomes to address community issues, on-going development, and future development. Below are some of the major accomplishments toward these goals since Shishmaref's LEDP Top Priority Projects were updated in 2008.



Shishmaref Local Economic Development Plan (LEDP) – 2013-2018

### 1. Relocation & Erosion

- Seawall partially built - about half
- Plan changing - may stay & build protective infrastructure all around island - over next 20 years
- The City received \$150,000 planning grant. Once spent, door opens for funding to hire someone to plan & coordinate further progress.
- City received new loader to maintain seawall to slow erosion.
- 2005 - reconnaissance study grant received to build gravel haul road to mainland. Study incomplete - It is on STIP inventory though.
- State recognizes need & has it as emergency priority.

### 2. Health/sanitation

- Clinic renovation due in summer 2013.
- CDBG for multi-purpose applied
- Have dental health aide
- Received snowmachine for emergencies for clinic
- Better city service on honeybucket haul/emptying
- Running water/flush toilets - about 1/3 of homes have some form of running water (toilet, sink, shower)
- AVEC waste heat recovery grant
- Might get funding to protect sewage lagoon from storms - ANTHC looking at it on 12/13/12.
- There's funding for waste heat project for city garage (houses the water & sewer transport equipment, fire truck, etc.) and maybe city office and clinic.
- IRA does IGAP - backhaul, recycling, ewaste disposal, etc.
- Sanitation Master Plan completed by ANTHC.
- Water plant upgrades - Washeteria has clean clear water now.
- Emergency Planning improved (training, new radios - VHF's)
- Sanitation road improved so now faster less bumpy driving to sewage lagoon.
- Landfill reorganized into section for larger items, recyclables, etc.
- Killed some of the foxes contaminating the water

### 3. Fire Safety

- Got a fire chief
- New hoses (for drinking water from tank to washeteria) & extinguishers
- VPSO upkeeps fire-fighting equipment & helps with fires

### 4. Economic Development

- Multi-purpose building voted for by community at recent planning meeting
  - Would house several components of economy
  - Cultural center
  - Arts & crafts marketing - skin sewing, carving, etc.
  - Museum
- IRA agreed to use Title VI for new homes but no new homes from BSRHA yet (supposed to be 20; now supposed to be 7; waiting for years)
- Native Corp has parcels set aside for new development - 14 (c)1
- BSRHA does annual study of housing needs - SHH needs 100 more units



- All BSRHA homes were leveled
- IRR funding improved city streets last summer 2012
- Seawall buffer/extension (west side & lagoon on east side)
- Local resources available for independent action: equipment; skills; sand/gravel etc. From prior projects for back-fill
- Ongoing runway patching
  - Runway will be repeated in 2014.
- AEA - Tank farm will be replaced 2013
  - City, Native store (IRA)
    - Both will be consolidated into 1
    - Old will be removed
- Finding out how to fund re-opening of the tannery
- Alaska Building Science improved energy use (fuel, lights, etc.): City Office, Friendship center, IRA, Community Hall, School, assessments for tannery & IRA - contracted energy audit with BSDC (Bering Strait Development Corporation)
- PCE fully funded
- Cemetery renovated
- New refrigerated morgue funded & materials - now just needs to be built
- Repatriation Act in 2012 - to get ancestral items back
- New apartment building (12bdrm apartment)
- Snack Shack
- Evacuation Plan developed - including emergency operation plan
- Wellness coalition - 3 yrs going - games, picnics, fun
- Hazard Mitigation Plan
- COOPS Plan (in case an entity office burns down, etc.)
- Eligible for certain funding opportunities now that the above plans are in place
- Elders Advisory Committee

**2.2 Planning Committee & Staff Description** Realizing that changes within the community and some current public service facilities are not adequate to achieve program parity, the City of Shishmaref, the Shishmaref IRA Council, and the Shishmaref Native Corporation decided to update the Top Priorities and update the Local Economic Development Plan for the community. With assistance from Kawerak's Community Planning and Development Program staff, public planning workshops were held on December 12, 13, and 14, 2012. A draft LEDP was written and presented to the joint councils for review. The plan, with approved priorities, was approved and adopted by joint resolution on May 2nd, 2014.



**Members of Shishmaref LEDP Planning Committee, Dec. 14, 2012**

### **2.3 Method for Plan Development and Components**

The planning organizations in Shishmaref used a strategic planning process based upon:

- Technology of Participation methods developed by *the Institute of Culture Affairs*
- Denali Commission, United States Department of Agriculture, Rural Development
- Alaska Humanities Forum *Community Strategic Plan Guide and Form*

These methods are proven effective in encouraging full participation from diverse groups and are best applied within community-based settings. This process was implemented among the participant's by brainstorming ideas individually, then reviewing among all participants confirming new resolves and decisions. The following foundational values or ground rules were applied during planning sessions:

- Participation: each person brings a different insight, perspective and knowledge that formulates the larger picture
- Respect: respect and honor each person's views and ideas, empower each other
- Teamwork: each person works with everyone else in their role to accomplish the goals of the community
- Creativity: giving permission for the dialogue between the rational (mind) and intuitive (heart) perspectives, keep our eyes open, new ways of thinking
- Action: moving economic development towards local responsibility and accountability

The planning process was made up of three parts. Each component helped provide a comprehensive planning approach.

- LEDP Vision, Values and Goals - Developed the direction for the community's social and economic development with an overall vision, guiding community values, and development goals.
- Implementation Strategies - Created planning steps that the community can take in the coming 5 years to begin the actions and movement toward the vision and development goals.
- Funding and Land Use - Identified potential funding and community investments to implement development goals. Identified potential sites for selection of projects requiring land.
- Recommended application of community values during implementation of development activities.

It is expected that the Local Economic Development Planning document should include:

- Community profile and assessment data
- Community vision, values, and goals
- Updated community priorities for community and economic development
- Top priority implementation strategies for guidance in community development projects

## **2.4 Comprehensive Development Status**

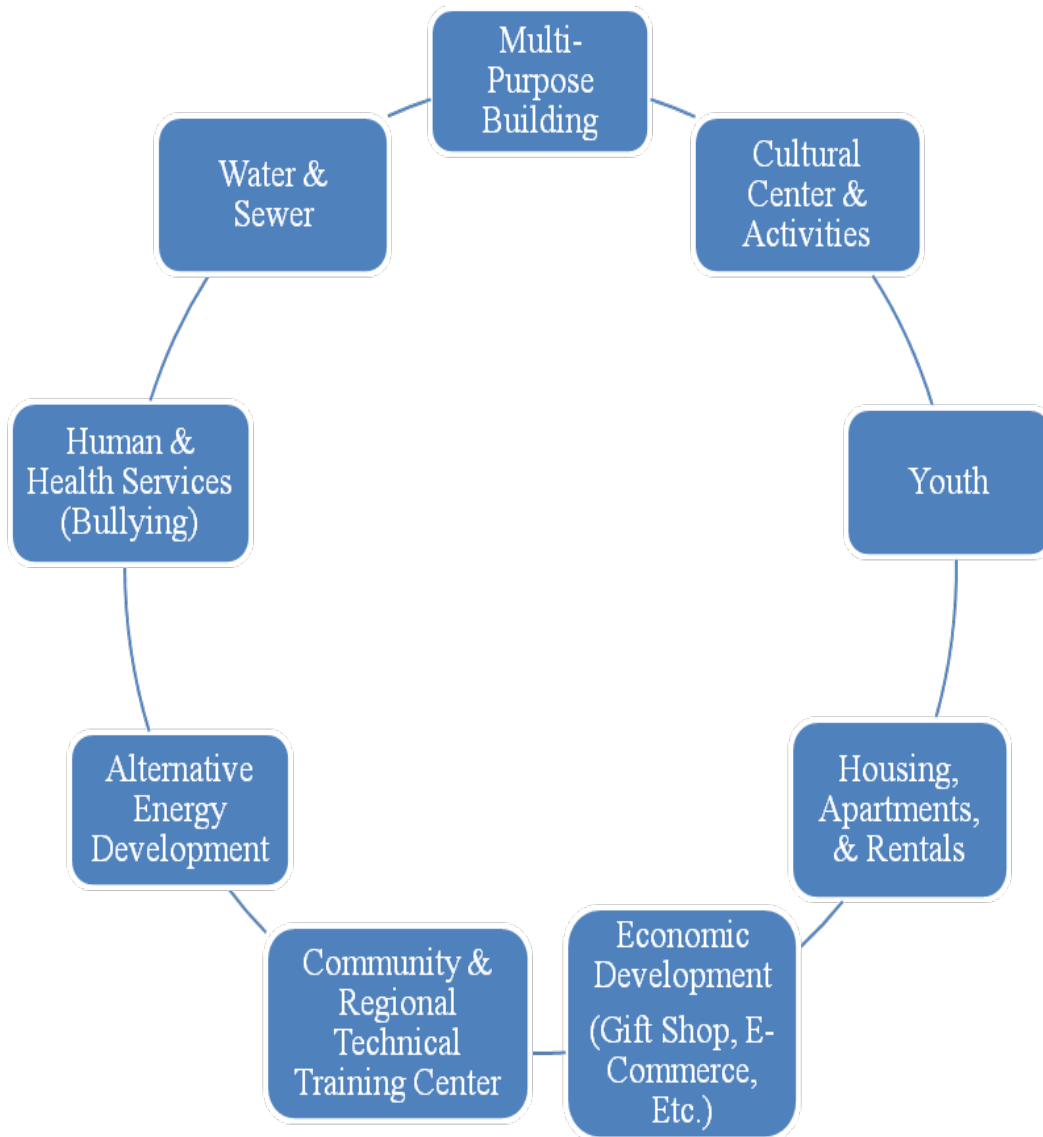
As a second-class city in the unorganized borough, the city of Shishmaref has optional powers under the state law for planning, platting, and land use regulation within municipal boundaries. The City of Shishmaref has assumed some of these powers. As the federally recognized governing body of the tribal members of Shishmaref, Alaska, the Native Village of Shishmaref IRA Council shares some of these responsibilities and powers.

A Community and Economic Development Strategy (CEDS), a regional economic development plan, was updated for the Bering Strait Region communities in 2009 by the Bering Straits Development Council. The next full update is scheduled for 2013. This document can be found at: <http://www.kawerak.org/servicedivisions/csd/cpd/index.html>

Shishmaref published an LEDP in 2004. Many of the priorities turned into successful development projects that were completed.

### **The Approved 2013-2018 Top Priorities**

The Shishmaref planning participants chose not to rank their Top Priority Projects. They see their Priorities as being interdependent without one being more important than another. Participants agreed that a circular chart of their Priorities is in line with their cultural perspective. This chart represents what is required for Shishmaref's well-being as a whole, consisting of interrelated parts.



### 3.0 Community Descriptions

#### 3.1 Location

Shishmaref is located on Sarichef Island, in the Chukchi Sea, just north of Bering Strait. Shishmaref is five miles from the mainland, 126 miles north of Nome and 100 miles southwest of Kotzebue. The village is surrounded by the 2.6 million-acre Bering Land Bridge National Reserve. It is part of the Beringian National Heritage Park, endorsed by Presidents Bush and Gorbachev in 1990. It lies at approximately 66.256670° North Latitude and -166.07194° West Longitude. (Sec. 23, T010N, R035W, Kateel River Meridian.) Shishmaref is located in the Cape Nome Recording District. The area encompasses 2.8 sq. miles of land and 4.5 sq. miles of water. The area experiences a transitional climate between the frozen arctic and the continental Interior. Summers can be foggy, with average temperatures ranging from 47 to 54; winter temperatures average -12 to 2. Average annual precipitation is about 8 inches, including 33 inches of snow. The Chukchi Sea is frozen from mid-November through mid-June.



**Antique traditional tools on display at Shishmaref School**

#### 3.2 History and Culture

The original Eskimo name for the island is "Kigiktaq." In 1816, Lt. Otto Von Kotzebue named the inlet "Shishmarev," after a member of his crew. Excavations at "Keekiktuk" by archaeologists around 1821 provided evidence of Eskimo habitation from several centuries ago. Shishmaref has an excellent harbor, and around 1900 it became a supply center for gold mining activities to the south. The village was named after the Inlet and a post office was established in 1901. The City government was incorporated in 1969. During October 1997, a severe storm eroded over 30 feet of the north shore, requiring 14 homes and the National Guard Armory to be relocated. Five additional homes were relocated in 2002. Other storms have continued to erode the shoreline, an average of 3 to 5 feet per year on the north shore. In July 2002, residents voted to relocate the community.

It is a traditional Inupiat Eskimo village with a fishing and subsistence lifestyle. The sale or importation of alcohol is banned.

### **3.3 Government, Corporations, and Service Providers**

#### **3.3.1 Shishmaref IRA Council**

Native Village of Shishmaref

PO Box 72110

Shishmaref, AK 99772

Phone: 907-649-3821

Fax: 907-649-2104

#### **The terms of the council seats shall be as follows:**

Seats A and B: 3 year terms

Seats C and D: 2 year terms

Seats E, F, and G: 1 year terms

#### **Native Village of Shishmaref IRA Council - 2012**

President (C): Karla Nayokpuk

Vice President (F): Stanley Tocktoo

Treasurer (D): Donna Barr

Secretary (A): Howard Weyiouanna, Sr.

Member (G): Edwin Weyiouanna

Member (B): Reuben Weyiouanna

Member (E): William Jones, Sr.

#### **Other Native Village of Shishmaref Staff - 2012**

Tribal Coordinator: Jane Kakoona

Comptroller: Laura Weyiouanna

Bingo Coordinator: Ruth Nayokpuk

Bingo Assistant Coordinator: Fannie Weyiouanna

Grant Writer: Tony Weyiouanna, Sr.

Environmental Program Coordinators: Richard Kuzuguk and Sharon F. Nayokpuk

Community Hall Janitor: Ralph Olanna

Clinic Janitor: Lena Weyiouanna

After School Activity Coordinator: Karen Olanna

#### **IRA Services:**

- Indian Child Welfare Act (ICWA)
- EPA/SAP (IGAP)
- Bingo
- Cannery
- Native Store (ANICA)
- Tribal Enrollment
- Indian Reservation Roads (IRR) Road Maintenance
- Bering Straits Regional Housing Authority (BSRHA)/NAHASDA housing funding
- Wellness Coalition (Suicide Prevention)
- IRA receives lease payments for the clinic from Indian Health Services (IHS), but the City owns the clinic building.

### 3.3.2 City of Shishmaref

#### Municipal Services, Facilities, and Utilities:

- Water & Sewer Flush/Haul
- Watering Point
- School Water
- Honeybucket Hauling
- Electric (AVEC)
- Refuse Collection
- Landfill
- Police
- Fire Department
- Equipment & Building Rentals
- Road Maintenance
- Bingo
- Roads
- Bingo/Pull Tab

#### General Municipal Information:

Year of Incorporation:	1969
Manager or "Strong Mayor" Form of Government:	Mayor
Regular Election Held:	1 <sup>st</sup> Tuesday in October
Assembly/Council Meets:	1 <sup>st</sup> and 3 <sup>rd</sup> Tuesday each month
Sales Tax:	2%
Property Tax:	None
Special Taxes:	None

#### Municipal Contact Information:

Address:	City of Shishmaref P.O. Box 83 Shishmaref, AK 99772
Phone and fax:	907-649-3781 ph 907-649-2131 fax
E-mail:	<a href="mailto:Cityofshhclerk@gci.net">Cityofshhclerk@gci.net</a>

#### Shishmaref Planning Organizations:

Native Village of Shishmaref IRA  
Shishmaref Native Corporation  
City of Shishmaref

<b>Mayor (term as mayor ends):</b>	Stanley Tocktoo (October, 2013) Alice Shultze (October, 2014) Esther Iyatunguk (October, 2013) Howard Weyiouanna, Sr. (October, 2014)
<b>City Council (term ends):</b>	Larry Kuzuguk (October, 2013) Stanley Tocktoo (October, 2014) Stella Havatone (October, 2014) William P. Jones, Sr. (October, 2014)



**School Board (term ends):**

Albert Washington (November, 2014)  
Annabelle Cunningham (November, 2014)  
Aurora Johnson (November, 2015)  
Cliff Weyiouanna (November, 2013)  
Jeanette Iya (November, 2014)  
Jenny Lee (November, 2014)  
Joe Murray (November, 2013)  
Melvin Otton (November, 2015)  
Reggie Barr (November, 2015)

**Municipal Employees:**

<b>Position:</b>	<b>Employee Name:</b>
Village Public Safety Officer	Barrett Eningowuk
Book Keeper	Ellen Pootoogooluk
City Clerk	Anna Kuzuguk

**State of Alaska Services & Facilities:**

Alaska State Troopers  
P.O. Box 1050, Nome, AK 99762  
1-800-443-2835 or 907-624-3073  
<http://www.dps.state.ak.us/ast/>

Alaska State Department of Fish and Game 907-443-5167  
Alaska State Department of Transportation and Public Facilities  
907-451-2295, <http://www.dot.state.ak.us/>

**US Government**

Post Office 907-638-3541  
BLM 907-271-5960  
National Weather Service 907-271-5088/1-800-472-0391  
Federal Aviation Administration 907-271-3771  
Search and Rescue-U.S. Coast Guard  
1-800-478-5555  
<http://www.uscg.mil/D17/>

### **3.3.3 Shishmaref Native Corporation**

#### **Contact Information:**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

#### **Services Provided:**

- Cable TV
- Scholarships
- Building Rentals
- Land Leasing

#### **Goals:**

- Provide jobs for shareholders
- Pool Hall

#### **Shishmaref Native Corporation Board (2012-2013)**

Sr., President:	Tony Weyiouanna
Vice President:	Percy Nayokpuk
Treasurer:	Curtis Nayokpuk
Secretary:	Darlene Turner
Members:	Frieda J. Eningowuk Stanley Tocktoo Tommy Obruk

### 3.3.4 Regional Corporations

Shishmaref is served by several regional corporations, which are located in Nome or Anchorage.

- Regional non-profit: Kawerak, Inc.
- Regional for-profit: Bering Straits Native Corporation
- Regional Health Corporation: Norton Sound Health Corporation
- Housing Authority: Bering Straits Regional Housing Authority
- Energy cooperative: Alaska Village Energy Cooperative (AVEC)

#### *Local and Regional Government Contacts*

Native Village of Shishmaref P.O. Box 72110 Shishmaref, AK 99772 Phone: 907-649-3821 or 2082 Fax: 907-649-2104 Tribal Coordinator: Jane Kakoona	Kawerak, Incorporated P.O. Box 948, Nome, AK 99762 907-443-5231, Fax: 907-443-4452 E-Mail: <a href="mailto:webmaster@kawerak.org">webmaster@kawerak.org</a> <a href="http://www.kawerak.org">http://www.kawerak.org</a> Head Start 907-649-2525
City of Shishmaref P.O. Box 83, Shishmaref, AK 99772 907-649-3781, Fax: 907-649-2131 E-mail <a href="mailto:cityofshhclerk@pci.net">cityofshhclerk@pci.net</a>	Norton Sound Health Corporation P.O. Box 966, Nome, AK 99762 907-443-3311, Fax: 907-443-3139 <a href="http://nortonsoundhealth.org/">http://nortonsoundhealth.org/</a> Shishmaref Health Clinic Shishmaref, AK 99772 Phone: 907-649-3311
Shishmaref Native Corporation P.O. Box 72151, Shishmaref, AK 99772 Office 907-649-3751 Fax: 907-649-3731 <a href="mailto:shhnativecorp@yahoo.com">shhnativecorp@yahoo.com</a>	Bering Straits Native Corp. and Bering Strait Development Corp. P.O. Box 1008, Nome, AK 99762 907-443-5252, Fax: 907-443-2985 <a href="http://www.beringstraits.com/">http://www.beringstraits.com/</a>
Alaska Village Energy Cooperative 4831 Eagle St. Anchorage, Alaska, 99503 (907) 561-1818	Bering Straits Regional Housing Auth. P.O. Box 995 Nome, AK 99762 907-443-5256, Fax: 907-443-8652
Bering Straits School District P.O. Box 225, Unalakleet, AK 99684 907-624-3611 <a href="http://www.bssd.org">http://www.bssd.org</a> High School Phone: 907-649-3021	Norton Sound Economic Dev. Corp. 420 L Street, Suite 310 Anchorage, AK 99501 1-800-650-2248 or 907-274-2248 Fax: 907-274-2249 <a href="http://www.nsedc.com">http://www.nsedc.com</a>

### 3.3.5 Other Product or Service Providers

GCI - Internet P.O. Box 274, Nome, AK 99762 1-800-800-4800 residential 1-800-800-7754 business <a href="http://www.gci.net">http://www.gci.net</a>	AT&T Alascom United Utilities, Inc. 505 East Bluff Drive Anchorage, AK 99501-1100 1-800-252-7266 <a href="http://www.attalascom.com/">http://www.attalascom.com/</a>
Frontier Cable Inc. 1-800-921-8101	US Post Office 907-649-3931
Alaska Village Electric Cooperative (AVEC) 4831 Eagle St. Anchorage, Alaska 99503 907-561-1818	Arctic Transportation Services P.O. Box 790, Nome, AK 99762 907-443-5482 <a href="http://ats.texrus.com/index.jsp">http://ats.texrus.com/index.jsp</a>
Bering Air P.O. Box 1650, Nome, AK 99762 1-800-478-5422 <a href="http://www.beringair.com/">http://www.beringair.com/</a>	Ryan Air PO Box 127 Unalakleet, AK 99684 (907) 624-3200 (907) 624-3326 (fax)
Everts Air Cargo 6111 Lockheed Ave Anchorage, AK 99709 (907) 243-0009 (866) 242-0009 <a href="http://www.evertsair.com/index.php">http://www.evertsair.com/index.php</a>	Northern Air Cargo 3900 Old International Airport Road Anchorage, AK 99502 (800) 727-2141 (Anchorage Office) Nome: Ryan Air (907) 443-5035 (907) 443-3157 (fax)
Alaska Airlines P.O. Box 68900 Seattle, WA 98168 (800) 252-7522 <a href="http://www.alaskaair.com/">http://www.alaskaair.com/</a>	Crowley Marine Services, Inc. P.O. Box 700, Nome, AK 99762 907-443-2484 <a href="http://www.crowley.com/fuel-sales-distribution/Nome.asp">http://www.crowley.com/fuel-sales-distribution/Nome.asp</a>
Era Alaska Agent: Dennis Sinnok Phone: 649-4211, Cell: 639-1150 1-800-478-5125 (Nome) Anchorage Administrative Offices 4700 Old International Airport Rd. Anchorage, AK 99502 907-266-4422 Fax: 907-266-8348	Northland Services Marine Transportation 21 West 2 <sup>nd</sup> St., Nome, AK 99762 907-443-5738 Corporate Office 4025 Delridge Way SW Suite 100 Seattle, WA 98106 1-800-426-3113 PO Box 24527 Seattle, WA 98124 Remit to Address; PO Box 749661 Los Angeles, CA 90074-9661 <a href="http://northlandservicesinc.com/Default.aspx">http://northlandservicesinc.com/Default.aspx</a>

Alaska Logistics PO Box 3512, Seattle, WA 98124 1-866-585-3281	University of Alaska Fairbanks – Northwest Campus, Pouch 400, Nome, AK 99762 907-443-8400 <a href="http://www.nwc.uaf.edu/">http://www.nwc.uaf.edu/</a>
KOTZ Radio <a href="http://www.kotz.org">www.kotz.org</a> AM 720	

### 3.4 Community Infrastructure

#### 3.4.1 Housing

Shishmaref's housing is currently inadequate for its needs. The Alaska Housing Assessment defines overcrowding as less than 300 square feet per person in a home. Multi-generational extended families living in homes make overcrowding common in Shishmaref. The extent to which families double up is difficult to measure because not all households apply for assistance or renew paperwork. Thus, the problem might not appear as dire to regional and state agencies as it appears at the local, village level. Convictions or inadequate work also serve as barriers to assistance and housing construction.

Another result of the housing shortage is that professionals like Physician's Assistants do not have permanent residence in Shishmaref.

BSRHA does an annual study of housing needs. Shishmaref needs 100 new homes. The Native Corporation has parcels set aside for new development as per 14 (c)1. The IRA agreed to use the Title VI loan program for new homes, but construction has yet to begin. 20 new units were planned. That number has been reduced to seven.

Most homes in Shishmaref have structural problems that need repair. Mold affects older and new homes. Many have issues with flooring, electrical wiring, and water & sewer. Some floors sag causing drafts. Homes do not have fire escapes. 1/3 or fewer homes have some combination of running water including toilet, sink, and shower, but most use honey-buckets.

Opportunities for weatherizing homes are limited. Some residents make too much income to qualify for weatherization grants. But they do not have enough income to afford weatherization on their own.

BSRHA guarantees repairs during the first year under contract. But home-owners are responsible for costs beyond that. BSRHA has installed more efficient heating systems in 41 homes in Shishmaref.

Some residents express concern to have better understanding of regulations required for finance and other options.

The following housing data, unless otherwise noted, is from the 2010 U.S. Census and based on a total population of 583.

**Housing Characteristics:**

Total Housing Units: 151

Occupied Housing (Households): 141

Vacant Housing: 10

Vacant Due to Seasonal Use: 1

Owner-Occupied Housing: 84

Renter-Occupied Housing: 57

Avg. Household Size: 4

Family Households: 111

Non-Family Households: 30

Pop. Living in Households: 563

### **3.4.2 Schools**

The Shishmaref Native Corporation, IRA, and City each provide financial aid for college.

Educational activities for residents include:

- Seasonal trips to hotspots to learn traditional skills
  - Survival
  - Butcher seal, walrus, caribou, etc.
  - Boating – there is one Umiak skin boat with airplane fabric for skin used to hunt Ugruk (young bearded seal) in spring and one traditional kayak frame in Shishmaref.
- Carving & Sewing
- Inupiaq Days – Three days in April with traditional demos/training including visiting teachers from other villages in the region
- Wellness picnic in July with traditional foods and games
- Christmas – winter traditional games like Eskimo Football & Baseball on December 31<sup>st</sup>; the football game is very rough and everybody is a good sport about it. The losers serve coffee & cookies/refreshments.
- IRA SEP Youth Litter Patrol

Some of the opportunities available to high school students & graduates include:

- NACTEC
- Upward Bound
- RAHI

Life-long learning opportunities available for adults include:

- ABE/GED Adult Basic Education
- NWC – Learning Center in Shishmaref
- KOTZ Technical Center
- Community college in Barrow: Ilisaavik – “Place of Learning” scholarships available
- Kawerak SYETP provides training for business/administration.

The Bering Strait School District operates schools in 15 villages in the Bering Strait region. The regional student population is 98% Alaska Native.

#### **District Mission Statement:**

The mission of the Bering Strait School District is to educate our children to become self-sufficient and responsible citizens through quality programs that express high expectations for all in a safe and supportive learning environment that respects our children's heritage.

**District Philosophy:**

In accordance with state educational policy, the purpose of education is to help ensure that all students will succeed in their education and work, shape worthwhile and satisfying lives for themselves, exemplify the best values of society and be effective in improving the character and quality of the world around them.

**Shishmaref School Phone:** 907-649-3021

In 2012, there were 21 teachers and 192 students enrolled in P – 12 in Shishmaref School.

**Shishmaref School Vision Statement:**

The Shishmaref vision is to create a safe & supportive learning environment where Inupiat values are respected, taught, and practiced as students engage in challenging and meaningful educational opportunities resulting in productive citizens who are lifelong learners.

**Shishmaref School Mission Statement:**

Through a collaborative effort involving community, students, and teachers, using quality educational programs, is to educate all students to become responsible, self-supporting, and productive members of our community, who strive to reach their maximum potential!

The school library is web-based. All items are digitally scanned into the system. Computers are all MAC. Having more space would make it possible to expand the book collection. The librarian would like more titles in the Alaska section like Eskimo Adventure, written by Edward L. Keithahn, a teacher in the 1930s; it is all about seasonal activities in Shishmaref that are still practiced today.

Shishmaref School has a Youth Leaders class. Students are chosen by student ballot and learn about opportunities for service in vital areas like local government. Youth Leaders help other students through challenging experiences and serve the community in ways including helping Elders with their needs, community cleanup, and community planning. The Youth Leader class students that participated in the LEDP planning meetings have a broad view of the issues their community faces and ways they can help.





**Youth Leaders were members of Shishmaref's LEDP planning committee, Dec. 12, 2012.**

The Shishmaref Northern Lights (SNL) and CHAMPS programs reward exceptional behavior that is above the school expected behaviors. Those that demonstrate acts of caring and compassion for others are acknowledged and awarded. The programs are having good results influencing students' test scores, attendance, behavior, and achievement.

The school gym is open to the public at night.

Sometimes the school offers shop classes to the public.

The Shishmaref School needs larger facilities for the growing population. A new multi-purpose addition is planned that will provide new classrooms and a lunch area.

There is a Head Start Early Childhood Education (ECE) program serving children age three to five. Curriculum includes cultural activities like ice fishing, traditional foods, Eskimo yo-yo, and other themes each week. Art lessons include music, dance, and book-making. The grant for the certified ECE teacher ends in 2013. The certified instructor has a measurable influence on student performance.

**HeadStart Phone:** 907-649-2128

The Learning Center is a branch of University of Alaska Fairbanks' Northwest Campus. It provides computers, internet, and phone service for students enrolled in Distance Education and Distance Delivery college classes. Kawerak's GED and ABE programs are also administered there. The City of Shishmaref rents the building to the program.

**Learning Center Phone:** 907-649-3011

**Learning Center Priorities:**

- Outdoor lighting to help prevent students from slipping
- Cracks in the ceiling fixed to prevent bugs from entering in the summer
- Old carpet replaced with linoleum or hardwood to make cleaning easier
- Cracks in windows repaired
- Insulation improved to make building warmer and more efficient to heat
- More room for program equipment & supplies
- Storage room renovated so it is warmer and could be used as office space or testing area

**Learning Center Personnel:**

- Northern Regional Advisor: Annie Weyiouanna
- Academic Coordinator: Molly Snell

**School District**

District Name:	Bering Straits Schools
Operated By:	REAA
Total Number of Schools (FY 2012):	15
Total Number of Teachers (FY 2012):	234
Total Number of Students (FY 2012):	1,830
Student/Teacher Ratio (FY 2012):	10.5
Dropout Rate (7-12 Grade) (FY 2010):	6.50%
Percent Native Students (FY 2012):	98.00%
Expenditures Per ADM (FY 2011):	\$27,166

### 3.4.3 Water and Sewer

Water is derived from a catch basin on the East side of the island that collects rainwater and snowmelt. It is treated and stored in a tank for both community and washeteria use. In the winter, drinking water is also obtained from ice chopped from ponds on the mainland on both the East and West sides of the inlet, five to seven miles from Sarichef Island. Other summer water sources include rainwater collected from the roofs, and hauling water from the Serpentine River.



**Locals chop ice from ponds in winter for drinking water.**

**Washeteria Phone:** 907-649-4781

Only the school, clinic, washeteria, and teacher housing have complete piped water and sewer service. Some homes have internal flush/haul systems. But most residents self-haul water and there are City honey-bucket bins available around town. The water tank does not always maintain enough water for personal use and emergencies like fires. Residents must conserve water at certain times of the year.

**Water & Sewer upgrades since the publication of the last Shishmaref LEDP:**

- Almost 1/3 of homes have had flush toilet, sink, shower or a combination of these installed.
- The sanitation road has been improved so it is now faster and less bumpy driving to the sewage lagoon.

ANTHC has completed the Shishmaref Sanitation Master Plan which is shovel-ready when funded.

Shishmaref might get funding to protect sewage lagoon from storms. ANTHC was scheduled to look at the site on 12/13/12.

There's funding for an AVEC waste-heat project for the City Garage where water and sewer transport equipment are stored along with the fire truck.

**Water and Sewer Service Fees:**

- Laundry: \$7-10 per load
- Showers: \$3.50
- Water: \$1/15 gallons
- Honey-bucket Haul Fees: \$40 per month



**Bucket for Drinking Water in Tribal Office**

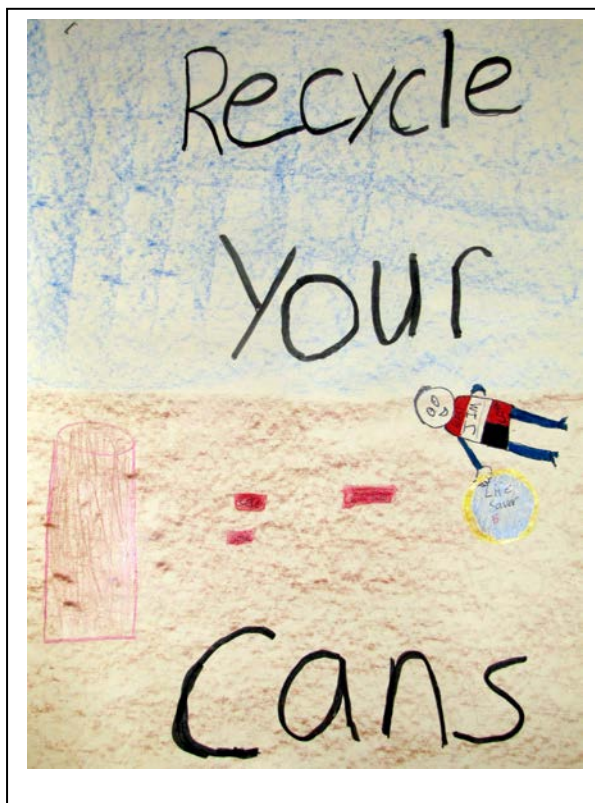
**Water Distribution, Source & Treatment Systems:**

Water System Operator:	City
Washeteria Operator:	City
Piped Water System:	Partial
Central Watering Point (Haul):	Yes
DEC Water Permit Number:	AK2340484

**Sewage Collection Systems:**

Sewer System Operator:	City
Piped Sewer System:	Partial
Honeybucket Haul:	Yes
Honeybucket Pits:	Yes
Individual Septic Tanks:	Some





### 3.4.4 Landfill

Shishmaref IRA runs an EPA/SEP backhaul program (IGAP) that plays a major role in removing unwanted refuse from the area. Large trash items old ATVs and refrigerators get taken away by barge. Batteries and many other items containing toxic substances are also removed.

The landfill has been reorganized into sections for larger items, recyclables, etc. There is a burn-box available for individuals to use at the landfill. Maintenance is challenging especially in the spring. The site is over-filled and needs expansion or a new site. IGAP had plans to put fencing around landfill but funding was lost.

The landfill road currently serves as a seawall for the runway.

### 3.4.5 Electricity

Electric Utility Name: Alaska Village Electric Cooperative (AVEC)

Utility Operator: AVEC

Power Source: Diesel

Kilowatt Capacity: 971.00

Power Cost Equalization (PCE) Subsidy: Yes

Total kWh Generated: 1627321.00

Power Cost Equalization (PCE) Rate: 38.29



**AVEC Power Plant in Shishmaref**

### 3.4.6 Bulk Fuel/Alternative Energy

The community has an AVEC grant to fund a waste-heat recovery project to heat the City Garage where water and sewer transport equipment are stored along with the fire truck.

Alaska Building Science improved energy use in buildings including the City Office, Friendship Center, IRA Building, Community Hall, and the School. An energy audit was contracted with BSDC to determine what changes would have the most impact.

Shishmaref might be selected for a helium floating wind-turbine through the Emerging Energy Technology Grant Fund (EETGF).

Citgo has provided diesel for heat over the past few years. But an energy/heat assistance program increase would need to be established at the State House level of government.

**Fuel costs:**

- \$7/gallon
- #2 diesel stove oil is almost \$7/gallon. The average home uses about 200 gallons/month in the winter – 55 gallons every 5-7 days. Homes were designed for warmer climates and built with inefficient boilers installed.
- Propane is used for cooking-fuel. Blazo “white fuel” is a clean-burning fuel for lanterns and cooking. It costs \$42/gallon.



**AVEC Tank Farm in Shishmaref**

**Fuel Tanks Currently in Use**

The AEA tank farm will be replaced in 2013. The City and Native Store tank farms will be consolidated into one in 2013. Old tanks that are unusable will be removed.

OWNER	CAPACITY (Gallons)
City	87,200
General Store	82,600
Native Store	130,200
AVEC	122,200
School	54,200
Church	6,900
City/Washeteria	8,200

### **3.4.7 Existing Transportation Systems**

Shishmaref's primary link to the rest of Alaska is by air. A state-owned 5,000' long by 70' wide paved runway is available for charter and freight services from Nome. Most people use boats for trips to the mainland. 4-wheelers and snow-machines are the most common vehicles used on land.

There are only sand roads in the village. A small portion of the road to the runway is paved. A dirt/gravel road, which was built by the State of Alaska Department of Transportation, leads from the village to the dump and sewage lagoon.

Shishmaref has an excellent natural boat harbor. Around 1900, it became a supply center for gold mining activities to the south. Most people own boats for trips to the mainland.

The roads to the landfill and airport have been improved and are faster and less bumpy to drive on but need to be protected from erosion. Storms can wash away 20' of land in a single hour and have been increasingly severe. The landfill road currently serves as a seawall for the airport. Kawerak Transportation Program (KTP) has detailed information concerning these issues.

The City of Shishmaref is responsible for street lighting, wind-erosion, run-off, and dust control within town. Improvements are wanted in all areas. Drainage is not built into the current seawall design. Without street, speed, or stop signs the City cannot enforce its safety ordinances. Streetlights cost \$10,000-\$11,000 to purchase and install. Funding possibilities are being researched.

Paving the road from the airport to the post office would make patient transport safer and easier. Currently, patients can get stuck in mud and bounced around with their IVs during transport. An airline terminal would provide a safe place for passengers, especially medical patients, to be out of the harsh elements while awaiting flights. Merchandise also gets left in the cold on the runway.

Airfare is too expensive for most residents to travel. Both the stores use by-pass mail for supply deliveries and there is no other choice. It is expensive even though it is subsidized and there is a 2000 pound minimum to use it.

Barge service is available from early July through September when the water is free of ice. Barge service is expensive; ½" plywood costs \$78 per sheet to transport. Barges have to wait for weather to clear before they can land and only come to deliver fuel or when supplies are ordered for a major project. Receiving freight on a chartered plane is less expensive than by barge.

A taxi service or school bus would improve safety of students. Bears and wolves are threats and not always visible especially during winter darkness and snow storms.



### **3.4.8 Communications**

Most residents have cell phones and most households have landlines, computers with internet service, and VHF radios. Internet access is available to the public at the Learning Center and sometimes at the School. Cell phone reception is weak sometimes and depending on location. Internet service is slow but expected to improve soon. Community announcements are made on the Native Corporation Cable Channel which sells advertising for \$3/day. Bulletin boards are also used for local notices.

#### **Communications:**

In-State Phone:	TelAlaska & GCI
Long-Distance:	TelAlaska & GCI
Internet Service Provider:	GCI
Radio Stations:	KOTZ
Cable Provider:	Native Corporation
Postal Mail:	USPS
Deliveries:	Bering Air, ERA, and Ryan Air

### 3.4.9 Health Care

Shishmaref's Katherine Miksrueq Olanna Health Clinic is a qualified Emergency Care Center. Critical health issues include substance abuse and suicide. Major recurring health problems in the community include diabetes, heart disease, cancer, and alcoholism.

The Clinic is busy and crowded. A 20' extension is due in the summer of 2013. A morgue will be part of the upgrade. Two new rooms were supposed to be added on but the costs increased by 25% per year from the time the plans were made.

Housing for visiting practitioners is also needed. They stay at the clinic in spite of the need for more room.

An entirely new clinic was supposed to replace the existing one but would have taken 10-12 years to accomplish. Expanding the existing clinic was chosen instead.

Clinic/Hospital Phone Number:	907-649-3311
Operator:	Norton Sound Health Corporation - (907-443-3311) <a href="http://www.nortonsoundhealth.org">www.nortonsoundhealth.org</a>
Owner:	IRA
Facility Status:	Community Health Aid Program CHAP site
Health Comments:	Emergency Services have boat and air access. Emergency service is provided by a health aide.



**Shishmaref's Katherine Miksrueq Olanna Health Clinic**

### 3.4.10 Municipal Buildings and Municipal Heavy Equipment

#### City Buildings:

- City Office
- Friendship Center
- City Shop
- Old Pool Hall
- Water Plant
- Washeteria
- Pump-house
- Clinic
- Learning Center
- Garage
- Fire Hall

#### City Equipment:

- 960 loader
- Backhoe (broken)
- Truck (broken)
- Two 4-wheelers
- Two T-rex dump trucks (broken)
- Fire truck (needs some repairs)
- Track vehicle (needs some repairs)
- Two snow-machines (need some repairs)
- Code Red
- Cat (broken)
- Mule & Rhino 4-wheeler side-by-sides
- Crane (broken)
- Water & Sewer



**Shishmaref City Shop**

### 3.4.11 Tribal Buildings & Equipment

#### IRA Buildings:

- Community Hall
- Old & new tanneries
- Native Store
- IRA Office

#### IRA Equipment:

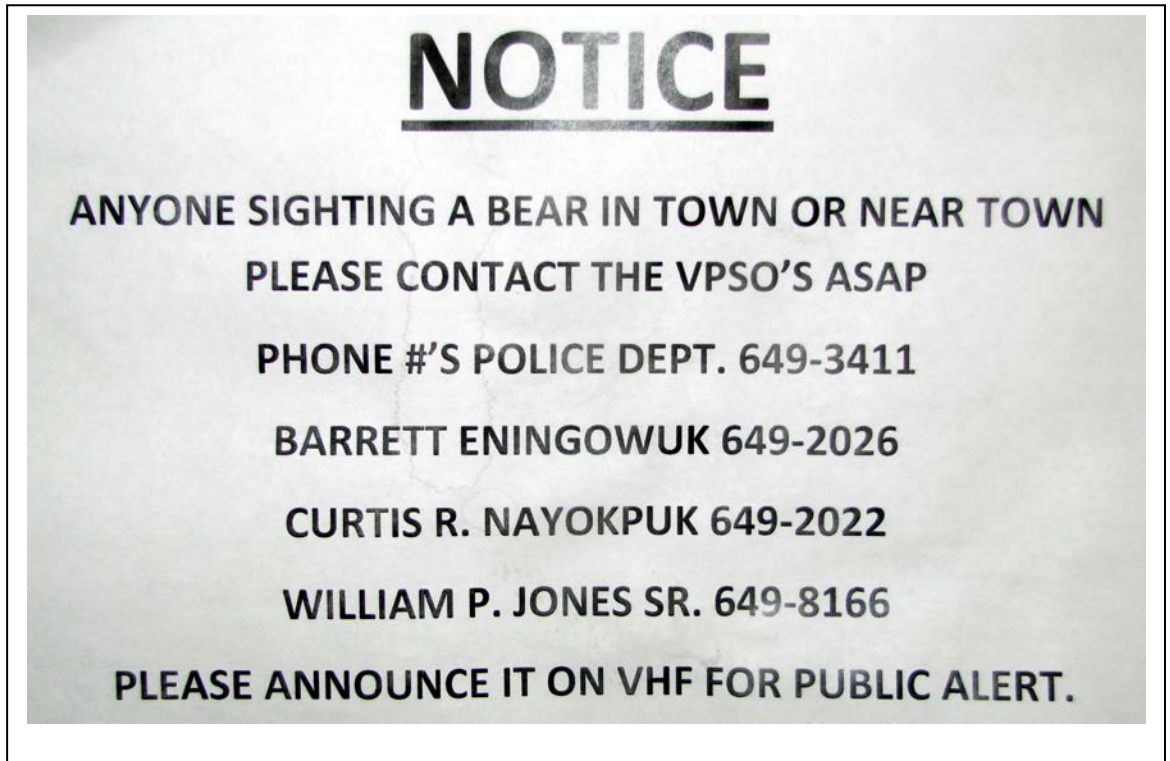
- 4 wheeler for SEP/IGAP
- Native Store has 4-wheeler and snow-machine for deliveries.



### **3.4.12 Public Safety**

#### **Law Enforcement**

- Village Police Officer (VPO) is temporary, working four hours/day – City-funded.
- Barret Eningowuk, the Village Public Safety Officer (VPSO), is a State-funded law enforcement officer. There used to be two VPSOs. One resigned.



#### **Fire Department**

- Fire Chief receives \$400 monthly stipend for service.
- Fire Department members volunteer.
- Not registered with State. Needs registration to qualify for assistance with equipment and funding.

#### **Search and Rescue**

- Volunteer members are the same as the Fire Department.
- 18 members divide into six teams of three according to who knows which areas best.
- Privately owned vehicles and sleds are used.
- City and IRA pay for rescues if State Troopers cannot. Trooper response might be too late if weather is bad.



### 3.4.13 Libraries and Museums, Cultural Buildings, and Social Events and Programs

#### Libraries

- Public library is closed due funding issues.
- Students have access to the school library.

#### Museums and Cultural Buildings

- A multi-purpose building is included in 2013-2018 LEDP Top Priority Projects, “Multi-purpose Building” and “Cultural Center & Activities.” It would house a museum and be used for marketing locally made arts and crafts. With the Repatriation Act of 2012, ancestral items will be returned to tribes.
- The Friendship Center has numerous social uses including Eskimo Dancing. It is used by all ages. It has been used for crafts like carving and sewing.



**Singing and drumming provides rhythm for dancers in the Friendship Center.**



**All ages meet at the Friendship Center for traditional dance.**

### **Social Events and Programs**

- Eskimo Dancing
- Seasonal trips to hot springs to learn traditional skills
  - Survival
  - Butcher seal, walrus, caribou, etc.
  - Boating – there is one Umiak skin boat with airplane fabric for skin used to hunt Ugruk (young bearded seal) in spring and one traditional kayak frame in Shishmaref.
- Carving & Skin-sewing
- Inupiaq Days – Three days in April with traditional demos/training including visiting teachers from other villages in the region
- Wellness picnic in July with traditional foods and games
- Christmas – winter traditional games like Eskimo Football & Baseball on December 31<sup>st</sup>; the football game is very rough and everybody is a good sport about it. The losers serve coffee & cookies/refreshments.

#### **3.4.14 Cemeteries and Graves**

The cemetery has been renovated as planned in Shishmaref's 2004 LEDP Top Priority Projects.



**Shishmaref Cemetery and with Church in background**

#### **3.4.15 Public buildings, lands, churches, parks, camps, and recreational areas**

The land and water all around Shishmaref are used for hunting and harvesting.

There is a Lutheran Church in Shishmaref. ICWA and Village Based Counseling (VBC) offices are located there. The VBC administers a grant for residents, including children, to make crafts in the church.



## 4.0 Population and Growth Trends

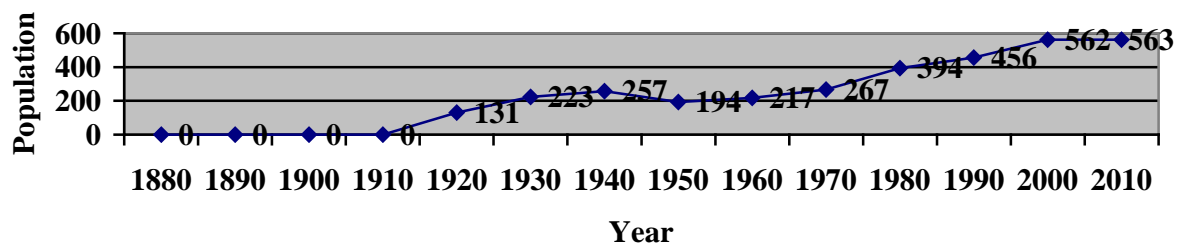
### 4.1 Shishmaref Census Data

The following population data is from the 2010 U.S. Census, unless otherwise stated. Additional detail is available from the Alaska Department of Labor and Workforce Development, Census and Geographic Information Network and the U.S. Census Bureau's American Fact Finder.

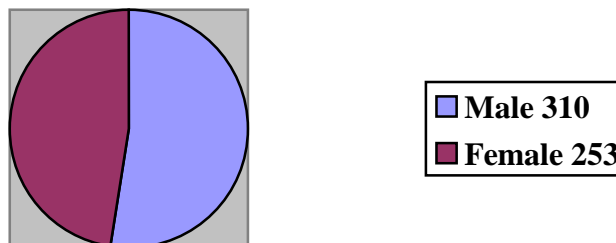
#### Population by Race:

Population in 2010:	563
White:	20 (3.55%)
Alaska Native or Amer. Indian:	534 (94.85%)
Black:	0 (0.00%)
Asian:	2 (0.36%)
Other Race:	0 (0.00%)
Two or More Races:	7 (1.24%)

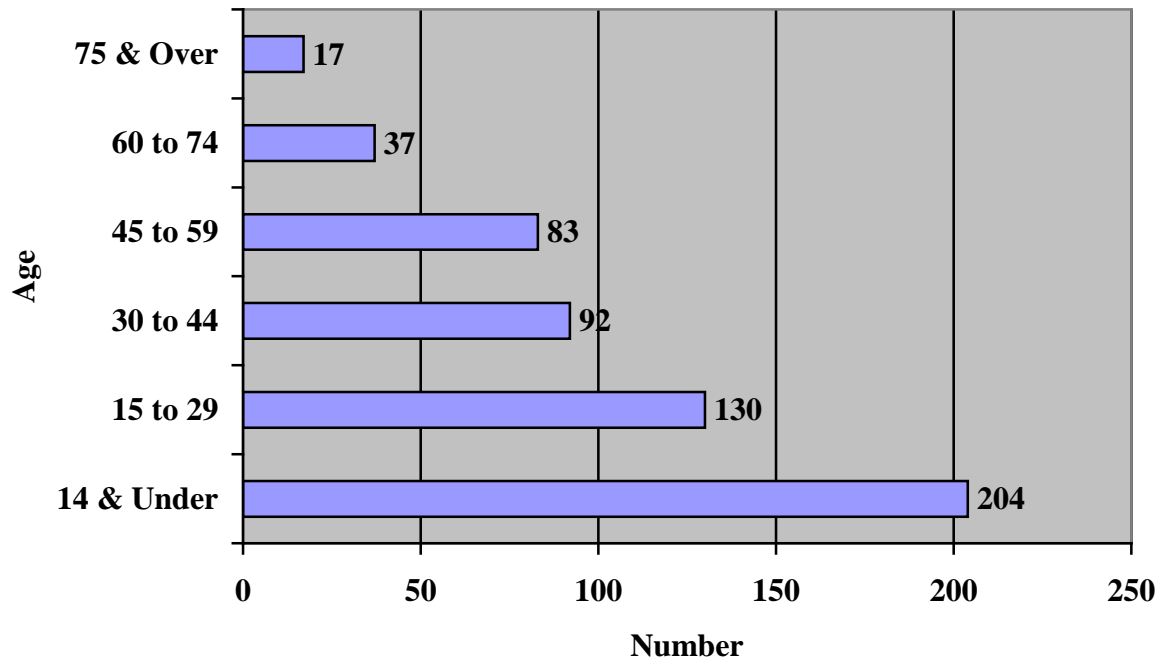
#### Census History



#### Population by Gender



**Population by Age**



#### 4.2 Employment and the Economy

Subsistence plays and barter play major roles in Shishmaref's economy. The population is mostly Inupiaq. Subsistence foods, hunted and harvested locally, ensure that food is available all year. Seal oil is the most important and is eaten with all foods. Subsistence foods are the largest part of the local diet and eaten at every meal. Store-bought food is supplementary.

The village location was settled because of the access to the ocean and the mainland for hunting and gathering. A large part of the Native diet consists of sea mammals. Residents rely on seal, fish, walrus, polar bear, rabbit, moose, caribou, reindeer, crab, berries, and a variety of greens. Reindeer herding has been challenging due to reindeer leaving with the migrating caribou herds.



Carved and sewn crafts are made and traded for other necessities. Visitors and local buyers purchase hand-crafted items for gifts and resale. The General Store buys crafts for resale. Some residents sell crafts on eBay, Facebook, and Etsy and some are interested in exploring "Alaska Made" opportunities. There is no e-commerce training in Shishmaref. But there is motivation and potential to form a coop to sell arts and crafts.





**Freshly caught seals stay frozen outside the home in winter.**

The tannery is crucial to the Traditional lifestyle but is closed. Funding possibilities for heating and electricity are being explored. Marketing and management alternatives are also being looked into so it can be successfully maintained when reopened.

Community and family ties are strong; locals help each other and teach and learn from one another. Traditionally made tools and clothes-making skills are passed on from generation to generation.

Pull-tab and Bingo games raise funds in support of Search & Rescue, the Clinic, and emergencies.

**Employment Opportunities:**

IRA/City/Corporation – Offices, Bingo, Seasonal

Shishmaref Dog Musers Association

BSSD School – Substitute Teaching, etc.

Stores and Snack Shack

Kawerak – Tribal Coordinator, ICWA, VBC

Clinic

UAF/NWC – Learning Center

ABE

VPSO



**Nayokpuk General Store**

<sup>1</sup> All ACS statistics are published with their respective margin of error (MOE). Some of the statistics here are calculated from the original ACS data. The MOE was unable to be carried through the calculations.

The following Income and Employment data is from the U.S. Census Bureau's **2006-2010 American Community Survey 5-Year Estimates**. Additional detail is available through the Alaska Department of Labor and Workforce Development pages.

**Employment:**

	<b>Estimate</b>	<b>Percent</b>
<b>In Labor Force</b>	225	56.53%
Civilian Labor Force	225	100%
Employed	174	77.33%
Unemployed	51	22.67%
Military Employment:	0	0%
<b>Not in Labor Force</b>	173	43.47%

**Employed Workers:**

Private Wage & Salary Workers:	75	51.37%
Government Workers (City, Borough, State, Federal):	65	44.52%
Self-Employed Workers (in own not incorporated business):	6	4.11%
Unpaid Family Workers:	0	0%

**Income:**

Per Capita Income:	\$10,439
Median Household Income:	\$37,286
Median Family Income:	\$34,286

**Poverty:**

Persons in Poverty:	208 (31.56%)
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### **Business Licenses in Shishmaref**

The following records reflect current business licenses on file with the Department of Community and Economic Development, Division of Occupational Licensing, Business Licensing Section. These licenses may not represent actual business activity. For more information on a specific business, use Commerce's Business License Search website.

<b>Business Name</b>	<b>License Numbers</b>
CITY OF SHISHMAREF	308614
CITY OF SHISHMAREF BINGO	286465
CITY OF SHISHMAREF WASHETERIA	308615
NAYOKPUK GENERAL STORE, LLC	297521
SHISHMAREF DOG MUSHERS ASSOCIATION	293138
SHISHMAREF IRA COUNCIL	313383
SHISHMAREF NATIVE STORE	63957
SHISHMAREF TRADITIONAL INDUSTRIES	125761
SINNOK'S SNACK SHACK	932197



## **5.0 Environmental Scan**

### **5.1 Soils and Topography**

Sarichef Island is composed of beach sand which is subject to erosion by wind and by wind-driven tides and waves. Subsurface drainage is good in the elevated areas and very poor in the organic-covered lowlands. The organic mat ranges from ½ to 3 feet thick, typically thicker in low-lying bogs. Lowlands, usually closed depressions are only 3 to 4 feet above sea level, and are filled with water or ice during most of the year. Sand dunes form local high knolls and are about 15 to 20 feet above sea level.

Sarichef Island is underlain by permafrost, with an active layer ranging from 1 to 5 feet below the surface. Local groundwater perched above the permafrost is found throughout the active layer.

### **5.2 Vegetation**

Local residents harvest a variety berries and greens from the land.

### **5.3 Climate**

The region experiences a transitional climate between the frozen Arctic and the Continental Interior of Alaska. Summers can be foggy with average temperatures ranging from 47 to 54 degrees F. Winter temperatures range from -12 to 2 degrees F. Average annual precipitation is about 8 inches, including 33 inches of snow. The Chukchi Sea is frozen from mid-November through mid-June.

### **5.4 Wildlife**

There are too many individual wildlife species around Shishmaref to list. Residents use seal, fish, walrus, polar bear, rabbit, moose, caribou, reindeer, and crab for food and materials to make tools, clothing, and other crafts. Those are just a few examples.

### **5.5 Historic Preservation**

Shishmaref has archaeological and cultural sites mapped just west of the village near the fresh water source. As a result of the Repatriation Act, human remains and funerary objects in the collections of the National Museum of Natural History, Smithsonian Institution, will be returned to Shishmaref.

### **5.6 Seismic, Flood, and Wetland Information**

Erosion and flooding are very serious problems in Shishmaref. The Army Corps of Engineers rates the flood potential for most of the island as high with wind-driven waves creating the greatest hazard. Most of the village has been flooded and many buildings damaged in storms. Protective structures have been constructed to help slow erosion with limited success.

The erosion problem is caused by storm-driven waves beating against the sandy island shore. Sarichef Island's stability is believed to be the function of its underlying permafrost which is melting. Changes in the depth of frost, when coupled with onshore storms can result in rapid localized erosion.

Alaska's wetlands occupy 43.3 % of its 403,247,700 acres. This contrasts to the contiguous US where they occupy only 5.2 % of the land surface. Wetlands in Alaska include: bogs, fens, wet and moist tundra, ponds, forests, mud flats, fresh and salt marshes. Most regions in Alaska have a land surface with extensive areas of wetlands. Expanses of moist and wet tundra underlain by permafrost occur in the northern and western regions. Some of the Nation's most extensive complexes of salt marshes and mud flats occur along the coasts of the Bering Sea.

## **5.7 Land Status**

### **Alaska Native Claims Settlement Act (ANCSA) Land Status**

#### **ANCSA Land Entitlement:**

Village Corporation:	<b>Shishmaref Native Corporation</b>
12(a) Land Entitlement in acres, (see Note 1):	115,200.00
12(b) Land Entitlement in acres (see Note 2):	9080.00
14(c)(3) Status (see Note 3):	In Process
14(c)(3) Agreement Signed:	No
Map of Boundaries done:	Yes
Municipal Land Trust:	No
Appropriate Village Entity (see Note 4):	n/a

#### **Notes:**

1. ANCSA 12(a) land entitlement to village corporation from federal government.
2. ANCSA 12(b) land reallocated to village corporation from Regional Native Corporation.
3. Under ANCSA 14(c)(3), village corporations must reconvey certain land to the local city government or the state in trust to provide for community use and expansion.
4. Recognized village group which represents the views of residents on municipal trust land acquisition and management in accordance with AS 44.33.755(b) and 3 AAC 190.110 - 150.

## **5.8 Designated Land Status and Management Issues**

The landfill could be considered an area of contamination because it is over-filled. But Shishmaref is essentially a pristine environment.

## **5.9 Land Use Potential**

There is limited land available for new construction within Shishmaref. Land issues are dealt with on a case by case basis. The City, IRA, and Corporation work through issues together for the greater good of the community.



## 6.0 Strengths, Weaknesses, Opportunities, and Threats (SWOT)

### Strengths:

- School
- Elder's knowledge
- Keeping traditions
- Traditional subsistence areas
- Children
- Elder's teaching survival skills
- Subsistence lifestyle
- Shishmaref Erosion Coalition Committee
- Organizations working together for the community
- Elders and Youth advisory committees
- Water tank
- We have more after school/summer activities for children and adults
- Continue Elder and youth involvement.
- Shishmaref Erosion Workgroup
- Wellness Coalition
- Sanitation Master Plan

### Weaknesses

- Not enough elder/youth involvement
- Lack of equipment to pick up trash
- Poor roads-too low and not enough of them
- Substance abuse
- Lack of snow-clearing equipment for new housing area
- Inadequate delivery of services to new housing area
- Houses are too close together
- Finding a "new Shishmaref"
- Water and Sewer
- Dealing with erosion problem
- Poor Washeteria
- Water tank too small
- Current water source inadequate
- We need more after school/summer activities for children and adults.
- Need Inupiaq tradition and language classes
- The word "relocation"
- Need ways to entice youth to live and work in Shishmaref after getting certifications and degrees

### Opportunities

- Outlet for expert carvers and skin sewers
- Local college
- Local training for high paying jobs (heavy equipment etc)
- Driver's education
- Relocation is a chance to start over and keep people together

### Threats

- Erosion
- Lack of local resources
- Dependency on outside funding sources
- Lack of job opportunities for skilled people for local jobs
- Lack of Training
- Lack of water and sewer
- Because of the word "relocation," Shishmaref can't get as much funding as it should

## **7.0 Shishmaref's Vision, Goals, and Values**

### **7.1 Shishmaref's Vision Statement**

To empower our people to embrace our current and future community development; to improve & strengthen the lifestyle of our people while protecting the cultural & traditional Inupiaq values of our community

### **7.2 Shishmaref's Development Goals and Objectives**

#### **Goal #1 - Health and Culture**

Integrate local culture and traditions with modern technologies in order to have a balanced, healthy lifestyle.

#### ***Objectives***

1. Fulfill the younger generations hunger for traditional activities and assure a youth camp is established.
2. Work to accomplish that a culture center is built.
3. Achieve a higher rate of immunizations, lower rate of cavities, diabetes, heart disease, and cancer.
4. Assure that at least 2 people are CPR/FA certified.
5. Assure that water and sewer is in every house.

#### ***Needs***

##### **Health**

- |                             |  |
|-----------------------------|--|
| 1. Preventive screenings    | 8. Health aide – CPR/First aid                                   |
| 2. Local emergency services | 9. Recycling, landfill, trash haul                               |
| 3. Clinic van               | 10. Pure water source and delivery                               |
| 4. Water and sewer          | 11. Dust control   |
| 5. Clinic improvements      | 12. Removal of asphalt, organic materials, and hazardous objects |
| 6. PA housing               | 13. Energy-efficient homes                                       |
| 7. Healthy lifestyles       |  |

##### **Culture**

- |   |                                     |
|---|-------------------------------------|
| 1. Traditional activities – boat building, sled making, sewing hat/hats, mukluks, parkas, carving, drumming, life skills/retrieve sea mammals | 3. Inupiaq language                 |
| 2. Artifact reclamation   | 4. Museum/cultural center           |
|   | 5. Native arts and crafts retention |
|   | 6. Arts and crafts gallery          |
|   | 7. Natural foods processing         |

## **Goal #2 - Social Services and Infrastructure**

To provide and sustain adequate public and social services

### ***Objectives***

1. Assure that basic public facilities are in place and utilized.
2. Work to achieve a decrease in social ills and crime rates.
3. Healthy families-lower the abuse and neglect rate, higher educational attainment, assure the younger generation is stepping into leadership roles guided by the elders.
4. Form a culturally sensitive Tribal court.
5. Decide future of Shishmaref, whether it be relocating or staying in place.

### ***Needs***

#### **Social and Public Services**

1. Recreation-year round center and outdoor recreation
2. Fire hall-local services and training
3. Day care-building and certification
4. Parenting skills support groups
5. Counseling for all ages
6. Community kitchen-potlucks
7. Local substance abuse program
8. Local Tribal court
9. Food bank-salvation army
10. Local police force-training
11. Gambling anonymous
12. Leadership-keep island intact

#### **Public Infrastructure**

1. Energy source
2. Improved airport terminal
3. Improved washeteria
4. Road improvements
5. Government and public buildings
6. Adequate housing/lots
7. Heavy equipment
8. Bulk fuel consolidation
9. Improved internet
10. Land use management
11. Energy-efficient homes

## **Goal #3 - Job Training, Education, Business, and Economic Development**

Develop a trained local workforce to sustain the local economic base.

### ***Objectives***

1. Lower the unemployment rate.
2. Higher number of trained and certified residents.
3. Decrease in public assistance
4. Increase in small businesses.
5. Independent local organizations
6. Increase in local doctors, teachers, pilots, accountants, lawyers, and other professionals.

## *Needs*

### **Job Training and Education**

1. Training centers
2. Scholarships
3. Vocational training
4. 0-3 Literacy program
5. Airplane mechanics/pilots training
6. Computer technology training
7. Heavy equipment operation training
8. Exchange programs
9. Grant writing training

### **Business and Economic Development**

1. Marketing
2. Accounting/CPA
3. Guiding/nature tours
4. Small business development
5. Beauty salon/barber shop
6. Theatre
7. Restaurants
8. Hotels, B&Bs, and apartments
9. AC store, mall
10. Mechanic shop/small engine repair
11. Gas station
12. Bank/ATM
13. Health club/spa
14. Rentals-snow machine, ATVs
15. Taxi service
16. Administrative capacity/management
17. Boat harbor

## **7.3 Shishmaref Community Values and Development**

### **7.3.1 Shishmaref Values**

*“What are the values we, as a community, feel are important to our way of life?”*

### **Elders’ knowledge with Inupiaq and traditional values, while living a subsistence way of life with the modern world**

The community defined its core values and vision for guiding local development by answering the following four questions:

#### **Question #1: What are your favorite things to do in your community?**

Sew; visit people; play basketball; sing with choir; biking; riding around; Eskimo dance; go camping; fishing; play games like: manna manna mae, running and chasing, and izrigaagauti; watch basketball; beach combing; gather greens; pick berries; potlucks; learning from family; qapsraq; listening to Elders’ stories; helping each other in time of need and when noticed; eat Native foods consistently, anytime, and frequently; prepare Native foods; dog mushing; parky and mukluk making; carving; subsistence-spring preparation; clamming; recreational events; baseball; Eskimo football; church; snowgo; Hondas; boat; Argo; trucks; net/ice; net under ice; hunting ducks, caribou, moose, musk ox, bears, oogrook, walrus, and seals; egg gathering; artifact digging; babysitting; take long walks; doing things as a community; help Elders; take kids on picnics; watch TV; going on the internet; listen to radio; get ice.

**Question #2: *Where are your favorite places to go?***

Serpentine Hot Springs; crabbing; hunting; ocean; river; mainland; island; birthday parties; go to the washeteria to visit other people; church inspiration; sliding; picking berries; picnics; basketball tournaments; boating; church conferences; dog races; school; accessibility to all seasonal camping areas; up and down the coast; exploring old sites with old sod houses; community hall; bingo hall; the Friendship Center; spring carnival; going out in the country; Bingo; pull-tabs; tickets; family; ball games; gym walking on the beach; subsistence racks; camping at the racks; channels and do fishing; computer labs; stores; library; recreation and gym; parsonage; seal hunting; clamming at channels; visit relatives or friends.

**Question #3: *What are your favorite reasons you live in Shishmaref?***

Everything is not so spread out; easy to get around; short walk or drive to the store; bird hunting; family; multiple generations nearby; being born and raised here; it is a dry village; we know everyone; kids are safe to play out; comfortable church; close knit community; preschool available for everyone; free medical care; kids can visit; play with no appointments; friendly; generous; good drinking water and ice; no discrimination; It's home – people move away and still come home to visit or call; still call it home even if you live elsewhere; relation to surrounding villages like Wales, Teller, Brevig, and Nome; we do NOT live in Nome... we like it here; good location for subsistence; access to ocean and lagoon; peoples' friendliness; beach; ocean view; holiday activities; Christmas activities; Eskimo games; birthday parties; access to ocean and mainland; people are friendly; lagoon for hunting and fishing; participation in community activities; people help each other; close to hot springs; Elders.

**Questions #4: *What is really important that makes Shishmaref your home?***

Friends; hospitality; friendliness; church; fish; walrus; salmon; berries; sura; geese; ducks; water; strong families; good place to hunt for food; Elders' knowledge and willingness to teach traditions; children; school – good education; motivated teachers who care; youth who get higher education; stores; fee safe – except for erosion threats; work – not only at jobs but working at subsistence; traditional Eskimo foods; revival of Eskimo dancing; we excel in Native arts; crafts; seal oil; leadership; importation laws; alcohol and drugs are controlled; family trees; relation; roots; spirituality; Lutheran regional conference; “shiverce;” keeping together; practicing Native values like sharing; preparing Native foods; helping each other; attending birthday parties; carving; having Elders around for advice; daily air service; traditional social activities during holidays; having health clinic; all animals close by Shishmaref; always have work to do; people care for each other in time of need.

### 7.3.2 Applying Values to Community Development

*When we develop and plan important projects or programs, what are the things we must remember? We should:*

- Finish education – at least high school – in order to get training & certification/licensing
- Return to live & work in Shishmaref after completing college or training outside Shishmaref
- Protect our subsistence resources & customary & traditional heritage so our children can continue our lifestyle.
- Plan so we benefit as many members of community as possible.
- Finish the projects we start.
- Encourage as much local hire as possible.

## 8.0 Project Brainstorm

**Focus Question:** *What are future community projects and activities that we can develop that will enhance our community, which best build on our identified cultural strengths, community development opportunities and current community assets over the next five years?*

### Health Services

- Suicide Prevention Program
- Health Prevention and Education
- Day Care Center
- Hospice/Shelter
- Stop Drugs.
- Bullying
- Traditional Healing Center
- More Exercising Activities in the whole community
- Quyanna Senior Center

### Local Economic Development

- Recreational Vehicle Rentals
- City/Tribal Coffee Shop
- Shishmaref Commercial Fishing – own CDQ
- Another Retail Outlet
- Privatize the Tannery.
- Snow Machine – Sled Shop
- Regional Hotels and Restaurants
- Arts and Crafts Center or Business Website
- Income from clothing with local logos – sweats, mugs, bags, tees
- More Artwork for Youth
- Self-sustaining Tannery

**Cultural Awareness**

- Help the Elders more often.
- Do chores for our Elders (dump trash).
- Tours to Hotsprings and subsistence camps
- Potlucks
- Cultural Camp
- Native Food Night
- Culture Night
- Cultural Activities
- Traditional food restaurant
- Senior lunch program involving youth
- Inupiaq Games
- Inupiaq classes with Youth and Young Adults

**Housing**

- Apartment or Office Rental
- Land expansion for more housing
- Housing Problems

**Education**

- Learn to speak our Inupiaq Language
- Learning Center (Youth can learn how to keep the tradition going.)
- Survival Skills
- Housing Eligibility
- Learn how to dance Inupiaq.
- Listen to Elders tell stories.
- Story-telling from Elders
- STOP DRUG
- Carving Classes
- Traditional Tool Making Center
- Leadership Training for Leaders and Youth
- Bullying
- Career Exploration Classes
- Regional Educational Hostels in Nome, ANC, and FBKS for Students
- Inupiaq Classes with Youth and Young Adults

**Social**

- Movie Nights
- Let youth spend more time with Elders
- Mentorship Program for High School kids in the offices
- Basketball Camp during the summer
- Radio Station
- Bullying
- Gambling Anonymous (Parents' time with students)

**Transportation**

- Bus/Taxi
- Airport terminal w/Hotel & Restaurant
- More roads to access Lagoon boat launches
- New Road South Side of Community
- Dust Control
- Terminal Near Airport

**Public Safety**

- STOP DRUGS
- Tribal police officer
- Magistrate

### **Community Infrastructure Development**

- Erosion Control
- Community New Site Planning
- Teen Center
- New Heavy Equipment
- Own Community Search & Rescue
- Arcade Center & Snack Shop
- New Fire Equipment for Volunteers

### **Sanitation**

- Better Sewer and Water Haul (Keep a healthy lifestyle.)
- Separate sewage and water haul systems and personnel
- Piped water and sewer
- Additional water storage tank
- Community Bulk clean up
- New Dump Site
- Larger water reservoir

## **9.0 Development Priorities and Implementation**

There were nine priorities identified in the Project Brainstorm by the Shishmaref Planning Committee and approved by the City of Shishmaref, the Shishmaref Native Corporation, and the Native Village of Shishmaref in order to improve the economic development for the community. In order to provide a thorough understanding of each project, the following information is given for each priority:

### **Project Description**

Background

Project Needs and Benefits

Potential Constraints to Project Development

### **Project Implementation**

Plan of Action

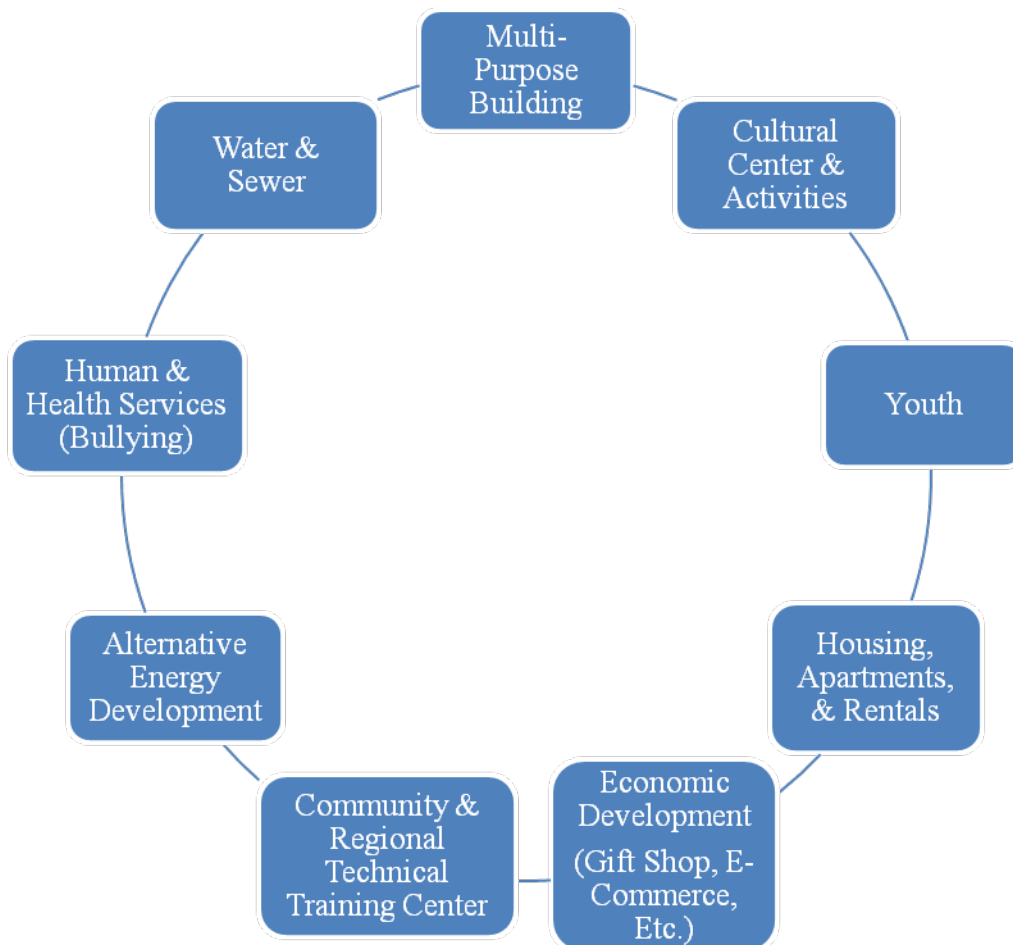
Organizations Responsible and Contact Information

Funding Possibilities



### **Jointly Approved Top Priorities for the Community of Shishmaref 2013 – 2018**

The Shishmaref planning participants chose not to rank their Top Priority Projects. They see their Priorities as being interdependent without one being more important than another. Participants agreed that a circular chart of their Priorities is in line with their cultural perspective. This chart represents what is required for Shishmaref's well-being as a whole, consisting of interrelated parts.



## **9.1 PRIORITY: *Multi-Purpose Building***

### **9.1.1 Project Description**

#### ***Background***

Shishmaref provides many services for its residents, but activities are spread around the community instead of centrally located together for ease of access. Facilities are not available for the public to participate in certain activities that are important to the community as a whole. Key activities and facilities needed for social well-being, traditional & modern survival skill development, and local administration have been identified by the community.

#### ***Project Needs and Benefits***

Shishmaref is planning a centrally-located facility that provides these benefits:

- Public kitchen (none currently)
  - for Elders Lunches
  - and baking classes
- Lunch room for Elders
- Elders & Youth Facility
  - Reduce drug-use issues by providing healthy activities & interaction. Youth are turning to drugs because there are not enough constructive activities available that interest them.
  - There is no place to teach essential skills like tool & seal net making/repair, etc.
- Traditional Skills Learning Center/Workshop
  - Carving & sewing workshop would help economic development because artists make money for food and other needs by selling their crafts.
- Local Traditional Art Showcase like a museum
- Meeting/Conference Room
  - IRA does not have adequate conference room for meetings.
  - Facility could include IRA office.
- Debriefing Room for Emergencies/Deaths
  - Family environment for making obituaries, etc.
- Public Computer
  - Internet
  - Printer
  - etc.
- Guest Lodging

### ***Potential Constraints to Project Development***

- There may be land issues. A central location in the village will have to be negotiated.
- There may be Federal and State restrictions about housing office space for the IRA.
- Revenue streams will have to be developed to pay for ongoing costs of operating the facility.
- Initial construction and startup costs

### **9.1.2 Project Implementation**

#### ***Plan of Action***

- Negotiate land use for construction. There is a potential site directly south of the church. It has been discussed with the pastor. He is willing to consider it. The Corporation might be involved in assigning land for the project.
- Determine construction costs and funding sources. It would be beneficial for the IRA to apply for funding since most things that will be housed in the new facility are related to Tribal Government. The City may provide matching funds & grant applications. The Church may be involved in project development as well since it is part of the Wellness Coalition.
- Build and insulate for energy efficiency (lighting, heat, etc.) with alternative energy in design (solar, wind, etc.)

#### ***Organizations Responsible and Contact Information***

##### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

##### **2. City of Shishmaref**

P.O. Box 83  
Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

##### **3. Shishmaref Native Corporation**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

***Funding Possibilities and Other Contact Information***

Kawerak's Community Planning and Development program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.

- **CDBG – City applies**
- **Denali Commission**
- **ICDBG – IRA applies**
- **Rasmussen Foundation**
- **State and Federal Funding Requests are possible. Contact Legislators.**
- **Ongoing revenue for overhead costs may be developed through:**
  - Rent from Bingo, IGAP,
  - Kawerak Tribal Coordinator
  - Guest Lodging
  - City/Tribal Coffee Shop
  - Craft Sales
  - IRA clothing with logos (sweats, bags, hats, tees, mugs, etc.)
  - Suicide Prevention Grant would pay for salary & activities. IRA used it for activities at the Friendship Center in the past.

## **9.2 PRIORITY: *Cultural Center & Activities***

### **9.2.1 Project description**

#### ***Background***

- Shishmaref does not have a Qasgi or other places devoted to transferring traditional skills and knowledge from one generation to the next. The community has a plan to fill this gap by building a Cultural Center & having activities that blend local traditions with modern technology. To prepare and equip new generations to live healthy lives that balance both worlds is the purpose of the project.
- Traditionally, the Native culture of Shishmaref had Qasgis and other spaces where youth were taught by their elders. In order to maintain their independence, well-being, and survive, traditional skills & knowledge have to be successfully taught to each new generation.
- Shishmaref School has a very limited curriculum for teaching the traditional skills needed to survive and thrive physically and spiritually in the local environment. The new generation of Shishmaref Natives has not learned its Inupiaq language and is in the process of learning to hunt, harvest, prepare & preserve food, make tools/clothing/medicine/and other crafts.
- Things like hunting, harvesting, food preparation & preservation, and clothes-making must be passed on to the youth. The community must develop a center for meeting this need. Otherwise, future generations will depend too much on the outside world for their basic needs.

#### ***Project Needs and Benefits***

- A place to teach traditional skills, activities, & knowledge
  - Someone will teach:
    - Tool & clothing making
    - Food preparation & preservation
    - Inupiaq language
  - The lifestyle and survival are at stake:
    - If new generations don't learn history, survival skills, and traditional food/tools/clothes-making, they will be dependent.
    - If they learn from hands-on experience and teaching, they will be independent.
- Gift shop/displays/kiosk
  - Sales – crafts, etc.
  - Computer/video demonstrations of traditional tool use & other methods
- Preserve traditional Shishmaref Inupiaq Culture through community activities - Values, lifestyle, skills, and knowledge.
  - Carving
  - Skin-stretching & Sewing
  - Sled & boat building
  - Potlucks

### ***Potential Constraints to Project Development***

Identifying the necessary funds to establish the Cultural Center will be a major challenge. The Berengia Museum planned in Nome is hard to fund. This project will take creativity and thinking outside the box.

## **9.2.2 Project Implementation**

### ***Plan of Action***

- Discuss creative strategies with others who have experience with similar project development.
  - Kawerak's Berengia Museum Project Director, Amy Russell may have some insights about what could work in villages. It might be possible to tie the Cultural Center into the Berengia Museum Project although some people do not want to cross cultures.
  - Barrow started their \$12 million dollar Cultural Center in the 1990s and may be able to share from their experience.
- Write business plan.
  - Kawerak's Business Planning Specialist, Alice Bioff, can assist with this step.

### ***Organizations Responsible and Contact Information***

#### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

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PO Box 72151  
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Phone: 907-649-3821 or 2082  
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- **Private and public sector funding sources might be joined.**
- **Potential revenue sources for covering overhead costs at the Cultural Center:**
  - **Online art sales**
  - **Retail/wholesale/tourist sales**
  - **Shows**
  - **Website**

### **9.3 PRIORITY: Youth**

#### **9.3.1 Project Description**

##### ***Background***

Shishmaref plans to establish and maintain anything and everything it can to benefit its youth so they can be happy, optimally prepared for healthy & productive lives as adult, and avoid pitfalls like depression & dependency.

##### ***Project Needs and Benefits***

- Facilities and things to do like after-school activities give youth a variety of healthy choices that help them grow as community members & leaders and avoid pitfalls like low self-esteem, despair, drugs, and alcohol.
  - Mentorship opportunities that build skills of all kinds both traditional and modern
  - Educational opportunities for changing times
  - Jobs-development to provide income and career-exploration
  - Sewing, carving, and other craft classes
  - Travel for national Youth Leader conferences
  - Inupiaq Language teachers and classes
  - Involvement in community planning
  - Big Brothers/Big Sisters program
- Encourage and incentivize youth to come back to Shishmaref after college to live and lead as members of the community

##### ***Potential Constraints to Project Development***

Some youth are ineligible for certain activities. Reasons include being under-privileged financially and academic performance & attendance not meeting public school requirements.

Some youth programs already exist and can be continued. Others need to be established. One benefit Shishmaref does not have that other Bering Strait communities receive is inclusion in NSEDC's generous programs. For example, NSEDC provided every other Bering Strait community with \$100,000 for youth programs in 2012.

#### **9.3.2 Project Implementation**

##### ***Plan of Action***

- Maintain and expand existing and future youth programs
- Survey community members, especially youth, to determine what programs, activities, and opportunities they are most interested in maintaining and establishing.
- Establish new youth programs with as much youth input and involvement as possible so they have a sense of ownership for what is being created.

### ***Organizations Responsible and Contact Information***

**1. Native Village of Shishmaref**

PO Box 72110  
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**2. City of Shishmaref**

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- **Boys & Girls Club**
- **Big Brothers/Big Sisters**
- **SAMSHA – awards funds for suicide prevention programs**
- **NSEDC?**



## **9.4 PRIORITY: *Housing, Apartments, Rentals***

### **9.4.1 Project Description**

#### ***Background***

Shishmaref's housing is currently inadequate for its needs. The Alaska Housing Assessment defines overcrowding as less than 300 square feet per person in a home. Multi-generational extended families living in homes make overcrowding common in Shishmaref. The extent to which families double up is difficult to measure because not all households apply for assistance or renew paperwork. Thus, the problem might not appear as dire to regional and state agencies as it appears at the local, village level. Convictions or inadequate work also serve as barriers to assistance and housing construction.

Another result of the housing shortage is that professionals like Physician's Assistants do not have permanent residence in Shishmaref.

BSRHA does an annual study of housing needs. Shishmaref needs 100 new homes. The Native Corporation has parcels set aside for new development as per 14 (c)1. The IRA agreed to use the Title VI loan program for new homes, but construction has yet to begin. Twenty new units were planned. That number has been reduced to seven. The community has been waiting for years for the construction process to begin.

Most homes in Shishmaref have structural problems that need repair. Mold affects older and new homes. Many have issues with flooring, electrical wiring, and water & sewer. Some floors sag causing drafts. Homes do not have fire escapes. Homes built too close together pose a threat of fire spreading from one to another. 1/3 or fewer homes have some combination of running water including toilet, sink, and shower, but most use honey-buckets.

Opportunities for weatherizing homes are limited. Some residents make too much income to qualify for weatherization grants. But they do not have enough income to afford weatherization on their own.

BSRHA guarantees repairs during the first year under contract. But home-owners are responsible for costs beyond that. BSRHA has installed more efficient heating systems in 41 homes in Shishmaref.

Some residents express concern to have better understanding of regulations required for finance and other options.

### ***Project Needs and Benefits***

- Tear down condemned homes to reduce threat of fire spreading to other units.
- Weatherize existing homes to increase energy efficiency.
- Renovate existing homes for safety regarding issues including mold and fire danger.
- Design new homes to be as energy-efficient as possible.
- Integrate as much alternative energy technology into new homes as possible.
- Build new homes, apartments, and lodging to alleviate overcrowding and provide shelter for visiting & permanent medical practitioners & other professionals & guests.
- Possibly start a Shishmaref Housing Authority so Shishmaref can administer its own NAHASDA funds which might speed up the new home construction process and provide more local employment.
- Possibly start a home-owners association to assist Shishmaref residents utilize and increase understanding of regulations required for finance and other options.

### ***Potential Constraints to Project Development***

BSRHA and Rural CAP build and weatherize homes in rotation among the villages and have limited funding resources to work with. Shishmaref IRA gets money from HUD for housing projects. Money is pooled with other villages for mutual benefit. But the waiting list for projects can take as long as ten years to go through a rotation. Shishmaref is exploring and applying for alternative funding possibilities.

Funding for housing projects is decreasing while construction costs are rising. Material costs in the Bering Straits Region have increased an average of 10-15% every year over the last decade. Ten years ago residential construction cost about \$375 per square foot. Now the cost is \$500-\$550 per square foot and sometimes as high as \$600 per square foot.

Potential costs include: materials, shipping, liabilities, insurance, labor, management, plumbing, water, sewer, codes, roads, permitting, fuel, electricity, training, land-lot, turn-over, time-line, administrative, soil tests (up to \$5,000 per site for engineer to travel to Village), and surveys.

Limited employment in villages contributes to the challenge of making home improvements or new construction.

The building season is short due to extreme subarctic weather conditions. When it gets too cold to do construction work outdoors, most progress is limited to what can be done indoors.

Acquiring housing is challenging for middle-income people. They make too much money to qualify for low-cost housing programs. But they do not make enough money to purchase housing on their own.

Eligibility for BSRHA's Village Purchase Homebuyer Program is also dependent on credit and criminal background checks. People with a history of being evicted or convicted have a hard time finding housing which adds to the pressure of the situation. People with certain convictions can be disqualified for life or for years depending on the offense. These regulations are in accordance with the Federal Housing Act and enforced by HUD. In some cases, people who seek and complete rehabilitation through Behavioral Health Services can be granted special consideration. But it does not guarantee that the Housing Authority can relax its regulations.

### **9.4.2 Project Implementation**

#### ***Plan of Action***

- Create a village planning committee consisting of five to seven key people from major entities in the Village (IRA, Corporation, City, School, Clinic, Utilities, etc.). Meet quarterly to discuss housing issues. The committee can arrange to have a representative from the Bering Straits Regional Housing Authority (BSRHA) present at each meeting to address the plan of action step-by-step as it develops.
- Conduct a local survey to determine the housing needs and number of units needed.
- Look into proven and affordable alternative methods and designs for construction and renovation.
- Incorporate traditional local input into planning and designing.
- Clearly define administrative duties.
- Develop a local skilled overseer/project manager.
- Contact BSRHA to arrange Housing Authority representation at village planning committee meetings.
- Outsource duties to outside administrator, if necessary, while developing a local skilled overseer/manager.
- Hold joint meetings with the city, corporation, utilities, etc. to plan where to build.
- Select potential sites for the new homes and look into easement and environmental issues as well as access issues to utilities.
- Test soil to make sure it is not too soft.
- File paperwork with the City for making the new lots.
- Write management and maintenance policies for the potential rental units. Develop application forms and lease agreement forms.
- A grant-writer will establish & cultivate relationships with existing and potential project partners and secure funding & other forms of project assistance.

- Submit grant applications.
  - Kawerak's Regional Grant Specialist, (907-443-4254) may be able to assist in identifying possible funding sources.
- The Tribe can apply for the ICDBG grant or they can look into the leveraging options listed below:
  - Title VI options – The Tribe may borrow against future block grant allocations.
  - Partnering – There are USDA programs for low interest loans to build houses for eligible families.
  - Section 184 – There is a program where the Tribe can use a commercial bank to obtain funds for new housing.
- Get locals trained and certified for construction work. Provide as much on-the-job (OJT) training as possible for residents, including youth.
- Clear & ready lots, build foundations, and get gravel.
- Continue to work with the Tribe, City, Corporation, and private owners to expand all housing opportunities in the community. Include in agenda for tri-council meetings.
- Continue to seek funding to assist community members in renovations.

### ***Organizations Responsible and Contact Information***

#### **1. Native Village of Shishmaref**

PO Box 72110  
 Shishmaref, AK 99772  
 Phone: 907-649-3821  
 Fax: 907-649-2104

#### **2. City of Shishmaref**

P.O. Box 83  
 Shishmaref, AK 99772  
 907-649-3781 ph  
 907-649-2131 fax

#### **3. Shishmaref Native Corporation**

PO Box 72151  
 Shishmaref, AK 99772  
 Phone: 907-649-3821 or 2082  
 Fax: 907-649-2104  
 Email: tc.shh@kawerak.org

### ***Funding Possibilities and Other Contact Information***

**Kawerak's Community Planning and Development** program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.

#### **U.S. Department of Housing and Urban Development (HUD)**

- Colleen Bickford, Alaska Field Office Director,
- Phone (907)-677-9830, (877)-302-9800, 907-677-9800, Cell (907)-223-1126
- Fax (907)-677-9805
- Email: [colleen\\_bickford@hud.gov](mailto:colleen_bickford@hud.gov)
- Anchorage Field Office, 3000 C Street, Suite 401, Anchorage, AK 99503
- [www.Hud.gov](http://www.Hud.gov)

#### **Indian Community Development Block Grants (ICDBG)**

- Wants to see matching funds
- Application may be available in October and will include due date.
- Maximum grant award: \$600,000
- Key Contact: Elaine Hammes, Grants Management Specialist, (907)-677-9884
- <http://www.hud.gov/offices/pih/ih/grants/icdbg.cfm>

#### **Bering Straits Regional Housing Authority**

- Vice President/Contracting Officer: Paul Whipple
- Phone: 443-5256 or 5257 Fax (907) 443-8652 Toll Free: 1-800-478-5255
- Physical Address 415 E. 3rd & Campbell Nome, Alaska 99762
- Mailing Address P.O. Box 995 Nome, Alaska 9976
- <http://bsrha.org/>

#### **Rasmuson Foundation**

- Tier 1 (\$25,000 or less), 60-90 day approval, Jeff Baird, Program Associate, 907-297-2831, [jbaird@rasmuson.org](mailto:jbaird@rasmuson.org) or Aleesha Towns-Bain, Senior Program Associate, 907-297-2875, [atowns-bain@rasmuson.org](mailto:atowns-bain@rasmuson.org)
- Tier 2 (over \$25,000), Approval by Board in June and December meetings annually, Sammye Pokryfki, Senior Program Officer, 907-297-2881, [spokryfki@rasmuson.org](mailto:spokryfki@rasmuson.org)
- <http://www.rasmuson.org/>

#### **Private Foundations and Local Donations**

##### **State of Alaska Legislature**

- Request assistance for a capital project.
- Representative Neal Foster

- Senator Donald Olson
- [w3.legis.state.ak.us/index.php](http://w3.legis.state.ak.us/index.php)

### **United States Legislature**

- Request assistance for a capital project.
- Senator Mark Begich: <http://begich.senate.gov/public/>
- Senator Lisa Murkowski: <http://murkowski.senate.gov/public/>

### **United States House of Representatives**

- Request assistance for a capital project.
- Representative Don Young: <http://donyoung.house.gov/>

### **Alaska Housing Finance Corporation (AHFC)**

- Teacher/senior/public safety housing programs, Mark Romick, Director of Planning, 907-330-8274
- Provides grants to Regional Housing Authority and Rural Cap for free (income-based) weatherization, etc.
- AHFC has other programs too.
- <http://www.ahfc.state.ak.us/home/index.cfm>

### **USDA Rural Development Housing and Community Facilities Program**

- No grant application deadline
- Multiple programs
- Contact: James Nordland, State Director, 907-761-7707, [james.nordlund@ak.usda.gov](mailto:james.nordlund@ak.usda.gov)
- <http://www.rurdev.usda.gov>

### **USDA Rural Housing Preservation Grants**

- Max award: \$50,000
- Contact: James Nordland, State Director, 907-761-7707, [james.nordlund@ak.usda.gov](mailto:james.nordlund@ak.usda.gov)
- [http://www.rurdev.usda.gov/HAD-HPG\\_Grants.html](http://www.rurdev.usda.gov/HAD-HPG_Grants.html)

### **State Farm Company Grants Program**

- Programs for government entities and 501(C)(3)
- Minimum Grant Amount: \$5,000
- Maximum Grant Amount: Based on community population
- Regional contact: Carolyn Fujioka, (808)-951-1160
- <http://www.statefarm.com/aboutus/community/grants/company/company.asp>

**Housing Assistance Council**

- Occasionally has grants
- Currently has loans for new construction and renovation projects up to \$750,000 for unit construction per project (Unit could mean a subdivision with multiple structures.)
- Primary Contact: Dierdra Pressley, (202)-842-8600 ext. 154, hac@ruralhome.org <http://www.ruralhome.org/>

**The Hearst Foundations**

- No application deadline
- \$50,000 grant minimum
- The Foundation works with 501(C)(3)s that have at least \$1million budget
- Primary contact: Mr. Paul Dinovitz, (415)-908-4500, hearst.sf@hearstfdn.org
- <http://hearstfdn.org/>

**American Seafoods Corporate Giving Program**

- Grant deadlines: Approximately January 15, April 15, and November 15, annually
- Grant amounts: Usually under \$5,000
- Primary contact: Ms. Kimberly Lynch, (206)-256-2659 <http://www.americanseafoods.com/>

## **9.5 PRIORITY: *Economic Development***

### **9.5.1 Project Description**

#### ***Background***

Shishmaref does not have all the services or employment opportunities its residents need for the standard of living they want. It is planning to develop multiple products & services that capitalize on the local skill-base, natural resources available, modern & traditional technology, and public & private sector funding opportunities. Project components in discussion:

- Gift Shop
- Tannery
- E-Commerce
- Tourism
- Eco-Tourism
- Hotel
- Coffee Shop
- CDQ
- Local Maintenance Shop
- Restaurant

#### ***Project Needs and Benefits***

- Gift Shop, possibly at Tannery – display and sell local arts & crafts; increase local income; attract tourists; help pay for overhead of outlet
- E-commerce – reach global market with locally made products; possibly attract tourists to visit
- Capitalize on traditional skills – generate income for artists through sales and employment.
- Market local assets for tourism.
  - Hot springs
  - Camps
  - Eco-tourism
  - Overnight trips
  - Concessions
- A hotel would provide guests with lodging while increasing revenue and employment in the community.
- Provide dividends to share-holders.
- Developing a CDQ program would combine the strengths of and benefit multiple Chukchi communities.
- A local maintenance shop would provide employment and make it much easier to repair & maintain vehicles & equipment. Without the necessary facilities, tools, or mechanical expertise, broken equipment often goes to the landfill and gets replaced which is costly and not environmentally-friendly.
- A restaurant would provide employment for locals. There would be a place in Shishmaref for residents and visitors to sit at a table to enjoy a hot meal.



### ***Potential Constraints to Project Development***

Any economic development projects in Shishmaref may require the creativity and teamwork of all three governing entities. New infrastructure, equipment, and expertise will be required. Establishing some things, like a CDQ, will require support at the legislative and congressional levels. Patience, perseverance, and unified community vision will be required to achieve Shishmaref's goals and objectives.

## **9.5.2 Project Implementation**

### ***Plan of Action***

- Governing entities may form partnership to match and manage development.
- Look for successful examples of similar projects for ideas and discuss strategies with people who developed and manage them.
- Possibly tie local tourism industry into the Cultural Center.
- Develop infrastructure.
- Get equipment.
- Address CDQ issues and the possible formation of a new CDQ for Chukchi communities at Congressional level of government.

### ***Organizations Responsible and Contact Information***

#### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

#### **2. City of Shishmaref**

P.O. Box 83  
Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

#### **3. Shishmaref Native Corporation**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

### ***Funding Possibilities and Other Contact Information***

- **Shishmaref's governing entities** may provide matching funds, management, etc.
- **Kawerak's Department of Community Planning and Development**
  - **Regional Grant Specialist** might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.
  - **Alice Bioff, Business Projects Specialist**, [abioff@kawerak.org](mailto:abioff@kawerak.org)  
Phone: (907) 443-4390, Toll free: (877) 219-2599, Fax: (907) 443-4449
- **Norton Sound Economic Development Corporation**  
Small Business Initiative Program, P.O. Box 358, Nome, AK 99762,  
Phone: (888) 650-2477, Fax: (907) 443-2478  
<http://www.nsedc.com/communitybenefits.html>
- **State of Alaska Small Business Center**  
Tim Sullivan, Business Development Officer, Division of Economic Development Department of Commerce, Community, and Economic Development, 550 West 7th Ave., Suite 1770, Anchorage, AK 99501,  
Telephone: (907) 269-4568 Fax: (907) 269-5666,  
[timothy.sullivan@alaska.gov](mailto:timothy.sullivan@alaska.gov), <http://www.commerce.state.ak.us/ded/dev/smallbus/home.cfm>
- **AKSourceLink**  
<http://www.aksourcelink.com/>, (888) 554-6525, (888) 554-8885

## **9.6 PRIORITY: *Community & Regional Technical Training Center***

### **9.6.1 Project Description**

#### ***Background***

Adult continuing education service in Shishmaref is limited to UAF Distance courses accessible through the Learning Center. Instruction and certification in skills like wood/metal-working, mechanics, welding, RN, coders, piloting, etc. are available for youth who travel to NACTEC for school. But adults in Shishmaref do not have access themselves. They can travel out of region for educational opportunities but leaving family in Shishmaref can be highly undesirable or impossible.

#### ***Project Needs and Benefits***

Improve the economy of Shishmaref by increasing the educational opportunities for adults in fields like:

- Metal
- Wood
- Mechanics
- Welding
- RN
- Coders
- Piloting
- Etc.

Training and certification in all kinds of professions will qualify the local workforce for jobs that are being taken by outsiders. Having more qualified technicians and mechanics would improve the maintenance and performance of Shishmaref's heavy equipment and make it easier for locals to have their vehicles repaired.

Additional training and qualifications will further empower the Tribe's self-determined future. Youth may be more encouraged to pursue college careers whenever they see the adults they respect choosing to go back to school.

Local training opportunities will give people more options for improving their lives without having to leave their families in Shishmaref.

#### ***Potential Constraints to Project Development***

- Infrastructure
- Program development
- Salary for faculty
- Tuition/Boarding

## **9.6.2 Project Implementation**

### ***Plan of Action***

- Shishmaref's governing entities will provide residents with financial aid and information about other funding opportunities for school.
- Youth will be encouraged to continue their education and live and work in Shishmaref.
- Partner with the UAF Learning Center in Shishmaref and explore possibilities for how to expand educational opportunities for locals.

### ***Organizations Responsible and Contact Information:***

#### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

#### **2. City of Shishmaref**

P.O. Box 83  
Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

#### **3. Shishmaref Native Corporation**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

### ***Funding Possibilities and Other Contact Information***

**Kawerak's Community Planning and Development** program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.

### **Organizations and Partners**

- *Nome Beltz high School* <http://www.nomeschools.com/>
- *UAF Northwest Campus* <http://www.nwc.uaf.edu/>
- *WIA Program* <http://www.doleta.gov/usworkforce/wia/>
- *AVTEC* <http://avtec.labor.state.ak.us/>
- *Norton Sound Economic Development Corporation* - 420 L Street, Suite 310, Anchorage, AK 99501, 1-800-650-2248, Fax 1-907-274-2249, <http://www.nsedc.com>
- *U.S. Job Corps* <http://jobcorps.dol.gov/>

- *America's Job Bank* <http://www.ajb.org/employer/>
- *Americorp/VISTA Program* [http://www.ruralcap.com/cod/AmeriCorps\\_vista/](http://www.ruralcap.com/cod/AmeriCorps_vista/)
- *Alaska's Job Bank (ALEXsys)* <http://alexsys.labor.state.ak.us/>
- *NSHC – Health Aid training* <http://www.nortonsoundhealth.org/>
- *Kawerak's Education, Employment, and Training Division*- 907-443-4367
- *Kawerak's Vocational Rehabilitation Program*-907-443-4362
- *Kawerak's Vocational Training Assistance Program*  
<http://www.kawerak.org/servicedivisions/eet/vta/index.html>

#### **Other Funding Possibilities**

- *Federal Pell Grants* <http://www.ed.gov/programs/fpg/index.html>
- *Indian Health Services Scholarships* <http://www.his.com> or call Michael Jerue or Krista Hepworth at 1-800-684-8361 or [mjerue@anthc.org](mailto:mjerue@anthc.org)
- *Health Resources and Services Administration Grants*  
<http://www.bhpr.hrsa.gov/nursing/scholarship/> or call 1-877-464-4772

#### **Some Scholarship Programs available to Shismaref students**

- Telalaska
- GCI
- Kawerak Direct Employment Program
- Kawerak Higher Education Program
- Bering Straits Native Corporation
- NSEDC
- Alaska State Employee
- Wells Fargo
- NSHC

#### **The following Scholarships are available through UAF**

- Charles and Hortense Lewis Fund
- Mike Saclamana Northwest Campus Scholarship
- Bon V. and Bernice Davis Scholarship
- Horning Memorial Scholarship

## **9.7 PRIORITY: *Alternative Energy***

### **9.7.1 Project Description**

#### ***Background***

As the population grows and new structures are built, the demand for power increases. The diesel generators are costly to keep running as the fuel costs continue to rise. The Emerging Energy Technology Grant Fund (EETGF) might install an experimental floating turbine in Shishmaref to supplement the electricity generated by the power plant.

#### ***Project Needs and Benefits***

Reliable power is necessary to daily life and will improve the well-being and safety of residents. Exploring alternative sources of energy will help prepare Shishmaref to more efficiently and economically serve its residents. Residents will still pay for their electricity but the cost of renewable power sources will not rise with the price of fuel. Alternative energy sources do not require bulk storage or depend on timely and costly delivery by barge.

Renewable energy resources sources that Shishmaref has the potential to use can provide power during all seasons and include:

- Solar
- Wind
- Ocean Current

Many homes and businesses in Shishmaref need renovations to make them more energy efficient no matter what power source is used.

#### ***Potential Constraints to Project Development***

Funding and land issues are the major constraints to the project. High shipping costs and a short construction season are also issues.

### **9.7.2 Project Implementation**

#### ***Plan of Action***

- Hold public meetings to determine issues and needs.
- Discuss alternative energy project strategies with other Bering Strait communities.
- Maintain contact with Kawerak regarding local and regional energy planning, technical assistance reviewing grant applications, and opportunities.
- Contact various funding agencies for program and funding updates and information regarding:
  - Alternative energy opportunities
  - Home weatherization
  - Energy education
  - Building audits
  - Heat recovery systems

### ***Organizations Responsible and Contact Information***

**1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

**2. City of Shishmaref**

P.O. Box 83  
Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

**3. Shishmaref Native Corporation**

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Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

### ***Funding Possibilities and Other Contact Information***

- **Kawerak's Community Planning and Development** program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.
- **Denali Commission** - 510 L Street, Suite 410, Anchorage, AK 99501, 907-271-1414, Fax: 907-271-1415, Toll Free: 1-888-480-4321, <http://www.denali.gov>
- **Alaska Village Electric Cooperative, Inc. (AVEC)** - 4831 Eagle St. Anchorage, Alaska, 99503, Marie Becker, Phone: 907-561-7972, <http://www.avec.org/>
- **Private donations and local fundraising**
- **Alaska Native Tribal Health Consortium (ANTHC)**
  - [www.anthc.org](http://www.anthc.org)
  - 907-729-1900
- **Alaska Energy Authority (AEA)**
  - [Akenergyauthority.org](http://Akenergyauthority.org)
  - 813 West Northern Lights Boulevard, Anchorage, AK 99503
  - 907-771-3000
- **U.S. Department of Energy (DOE)**
  - [www.energy.gov](http://www.energy.gov)
  - 202-586-5000

- **Alaska Center for Energy and Power (ACEP) – University of Alaska**
  - [www.uaf.edu/acep](http://www.uaf.edu/acep)
  - 907-474-5402
  - Director: Gwen Holdman
    - [Gwen.holdmann@alaska.edu](mailto:Gwen.holdmann@alaska.edu)
    - 907-590-4577
- **University of Alaska Fairbanks (UAF)**
  - [www.uaf.edu](http://www.uaf.edu)
  - 907-474-7211
- **Bering Strait School District (BSSD)**
  - [www.bssd.org](http://www.bssd.org)
  - 907-624-3611
- **Nome School District (NSD)**
  - [www.nomeschools.com](http://www.nomeschools.com)
  - 907-443-2231
- **Department of Health and Human Services (DHHS)**
  - [www.hhs.gov](http://www.hhs.gov)
  - 877-696-6775
- **U.S. Department of Housing and Urban Development (HUD)**
  - [www.hud.gov](http://www.hud.gov)
  - 202-708-1112
- **Cold Climate Housing Research Center (CCHRC)**
  - [www.cchrc.org](http://www.cchrc.org)
  - 907-457-3454



## **9.8 PRIORITY: *Human and Health Services***

### **9.8.1 Project Description**

#### ***Background***

Shishmaref has identified the problems including bullying, the inadequacy of its clinic facility, and not having a meal program for its Elders as needs that must be addressed for the community's well-being. Others include:

- Suicide Prevention Program
- Health Prevention and Education
- Day Care Center
- Hospice/Shelter
- Stop Drugs.
- Traditional Healing Center
- More Exercising Activities in the whole community
- Quyanna Senior Center

Shishmaref is isolated from Norton Sound Health Corporation (NSHC), the region's main health care provider. When weather is bad, patients cannot get out of Shishmaref for emergency help and help cannot be flown in. Prescriptions have to be shipped from Nome.

Shishmaref's Katherine Miksruaq Olanna Health Clinic is old and small. The size of the clinic creates a challenge for health care providers to abide by the requirements for privacy established in the 2003 Health Insurance Portability and Accountability Act (HIPAA), especially when multiple patients are waiting to be seen. Patients are transported on sleds and carts, exposed to the elements, pulled by residents' personal snow-machines and four-wheelers.

The clinic is a qualified Emergency Care Center. Critical health issues include substance abuse and suicide. Major recurring health problems in the community include diabetes, heart disease, cancer, and alcoholism.

The Clinic is busy and crowded. A 20' extension is due in the summer of 2013. A morgue will be part of the upgrade. Two new rooms were supposed to be added on but the costs increased by 25% per year from the time the plans were made. An entirely new clinic was supposed to replace the existing one but would have taken 10-12 years to accomplish. Expanding the existing clinic was chosen instead.

Housing for visiting practitioners is also needed. They stay at the clinic in spite of the need for more room.

### ***Project Needs and Benefits***

- Expand or replace the existing clinic.
  - Provide lodging for visiting health practitioners.
  - Better address patients' needs on site.
- Reduce bullying in Shishmaref.
- Provide meals for Elders.
- Covered/protected patient transport vehicle

### ***Potential Constraints to Project Development***

- Short building season
- Facilities are needed to prepare meals for Elders.
- Decreases in funding can delay progress
- Finding ways to reduce problems like bullying takes more than money. Creative approaches have to be explored and the whole community has to collaborate.

## **9.8.2 Project Implementation**

### ***Plan of Action***

- Discuss project with residents at public meetings to generate creative possibilities for addressing bullying problem and how to administer Elder meals until Multi-purpose building is completed.
- Identify possible funding sources and partners.
- Use Kawerak's grant writer assistance program to hire a grant writer to contact funding sources, seek matching funds from the community, and apply for funds for the various stages of the project.
- Complete clinic expansion.

### ***Organizations Responsible and Contact Information***

#### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

#### **2. City of Shishmaref**

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Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

### **3. Shishmaref Native Corporation**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

#### ***Funding Possibilities and Other Contact Information***

**Kawerak's Community Planning and Development (CPD)** program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.

#### **US Department of Health and Human Services**

<http://www.hhs.gov/>

#### **Stephen and Mary Birch Foundation**

103 Foulk Road  
Suite 200  
Wilmington, DE 19803  
**Phone:** 888-372-6303  
**Primary Contact:** Ms. Rose B. Patek, President  
**Total Annual Giving:** \$11,493,000  
**Grant Range:** \$800 - \$5,372,000  
**Average Grant:** \$1,000 - \$50,000  
**Eligibility Requirements:** Nonprofit organizations  
**Application Deadlines:** None  
**Areas of Interest:** Stephen and Mary Birch Foundation supports nonprofit organizations across the United States.  
Types of support include general operating and project support.  
**Application Procedures:** Interested applicants should submit a written request that includes a description of the organization and the purpose for which funds are being requested, along with a copy of tax exemption as issued by the IRS.

#### **Allbritton Foundation**

5615 Kirby Drive  
Suite 650  
Houston, TX  
77005 -2460  
**Phone:** 713-522-4921  
**Primary Contact:** Ms. Virginia L. White, Secretary  
**Total Annual Giving:** \$1,500,000  
**Grant Range:** \$100 - \$50,000  
**Grant Details:** Occasionally larger grants are provided.  
**Eligibility Requirements:** Nonprofit organizations  
**Application Deadlines:** None

**Areas of Interest:** The Allbritton Foundation provides support to nonprofit organizations that address the following issues:

- civic affairs;
- arts and culture;
- education, including higher education; and,
- health, including hospitals.

General operating and project support are provided.

**Application Procedures:** Interested applicants should submit a letter that describes the organization, the purpose for which funds are being requested, and the amount of the funding request. Include proof of 501(c)(3) tax-exempt status and financial data for the organization.

**MGN Family Foundation**

c/o Wells Fargo Bank, N.A., Trustee

MAC D3600-021

16 Broad Street

Charleston, SC

29401

**Phone:** 888-234-1999

**Fax:** 877-746-5889

**Email:** [grantadministration@wellsfargo.com](mailto:grantadministration@wellsfargo.com)

**Url:** <https://www.wellsfargo.com/privatefoundationgrants/mgn>

**Total Annual Giving:** \$67,000

**Grant Range:** \$1,000 - \$5,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** February 15, annually

**Areas of Interest:** The MGN Family Foundation goals are to make grants in fields of education, healthcare, medical research, children's programs, and to help those in the U.S. Military, including their families.

**Application Procedures:** Application guidelines and forms are available on the website listed above.

**The Gertrude E. Skelly Charitable Foundation**

4600 North Ocean Boulevard

Suite 206

Boynton Beach, FL

33435

**Phone:** 561-276-1008

**Fax:** 561-272-2793

**Email:** [skelly@hkh.com](mailto:skelly@hkh.com)

**Primary Contact:** Mr. Erik Edward, Esq., FAAN, Co Trustee

**Total Annual Giving:** \$948,000

**Grant Range:** \$2,000 - \$50,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** July 31, annually

**Areas of Interest:** The mission of the Gertrude E. Skelly Charitable Foundation is to provide educational opportunities, primarily at colleges and universities, and needed medical care for those who cannot afford it. All grants must affect multiple individuals and meet an educational, medical, or emergency need. Support is rarely provided for endowments, or capital projects.

**Application Procedures:** Application guidelines are available from the Foundation at the address listed above.

**American Association of Retired Persons (AARP) Foundation**

Office of Grants Administration

601 E Street, NW

Washington, DC

20049

**Phone:** 888-687-2277

**Email:** [foundationgrants@aarp.org](mailto:foundationgrants@aarp.org)

**Url:** <http://www.aarp.org/foundationgrants>

**Total Annual Giving:** \$76,351,000

**Eligibility Requirements:** Nonprofit organizations, government agencies, and educational institutions

**Application Deadlines:** Varies by RFP

**Areas of Interest:** The mission of the American Association of Retired Persons (AARP) Foundation is to serve vulnerable people 50 and older by creating solutions that help them secure the essentials — food, housing, income, and personal connection — and achieve their best lives.

**Application Procedures:** The Foundation's grant-making uses a Request For Proposals (RFP) process. Visit the Foundation's website for current RFP information.

**First National Bank Alaska Corporate Giving Program**

Marketing Department

101 West 36th Avenue, Suite 207

P.O. Box 100720

Anchorage, AK

99510 -0720

**Phone:** 907-777-4362

**Url:** <http://www.fnbalaska.com/235.cfm>

**Total Annual Giving:** \$1,000,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** Requests to the Donations Committee are reviewed monthly. Requests should be received at least two months prior to the date the funds are needed.

**Areas of Interest:** The First National Bank Alaska is committed to Alaska and Alaskans and to their economic and cultural growth. In addition to employee involvement, First National contributes funds to selected Alaska-based nonprofit organizations.

**Application Procedures:** Application guidelines and forms are available on the company's website listed above.

**May and Stanley Smith Charitable Trust**

c/o AdminiTrust LLC  
2320 Marinship Way, Suite 150  
Sausalito, CA  
94965

**Phone:** 415-332-0166

**Email:** [grantsmanager@adminitrustllc.com](mailto:grantsmanager@adminitrustllc.com)

**Url:** <http://www.adminitrustllc.com/foundations/mssct.htm>

**Primary Contact:** Ms. Janet Ferraiolo, Grants Manager

**Email:** [jferraiolo@adminitrustllc.com](mailto:jferraiolo@adminitrustllc.com)

**Total Annual Giving:** \$10,729,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** None

**Types of support include:**

- general support;
- project support; and,
- capacity-building.

**Application Procedures:** Application guidelines are available on the website listed above.

**The Farris Foundation**

P.O. Box 304  
Lawrenceville, GA  
30046 -0304

**Phone:** 770-962-4448

**Fax:** 770-962-4430

**Email:** [info@farrisfoundation.org](mailto:info@farrisfoundation.org)

**Url:** <http://www.farrisfoundation.org/>

**Primary Contact:** Mr. Otis Jones, President

**Total Annual Giving:** \$85,000

**Grant Range:** \$100 - \$20,000

**Average Grant:** \$1,000 - \$10,000

**Eligibility Requirements:** Nonprofit organizations and Christian ministries

**Application Deadlines:** None. Requests are reviewed quarterly.

**Areas of Interest:** The Farris Foundation serves as a "seed ministry" to help others help themselves and acts as a catalyst in helping launch struggling ministries.

**The Foundation's basic objectives are to:**

- support activities that encourage people to better themselves;

- fund community projects that benefit the public at large, including projects that focus on children, seniors, and the physically and mentally challenged;
- sponsor gatherings to promote Christian ideals and mores; and,
- support Christian ministries and higher education throughout the world.

**Application Procedures:** Application guidelines are available on the Foundation's website.

**Frank M. Ewing Foundation**

5610 Wisconsin Avenue

PH20C

Chevy Chase, MD

20815 -4443

**Phone:** 301-656-7336

**Primary Contact:** Ms. Judith H. Ewing, Executive Vice President

**Total Annual Giving:** \$429,000

**Grant Range:** \$1,000 - \$100,000

**Average Grant:** \$5,000 - \$25,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** The review process takes place each year in October. Requests should be received by the end of August to be considered. **The Foundation's areas of interest include:**

- |                      |                    |
|----------------------|--------------------|
| • children and youth | • health           |
| • the elderly        | • environment      |
| • social services    | • medical research |
| • hunger/homeless    | • animal welfare   |
| • education          |                    |

General operating support and project support are provided.

**Application Procedures:** Interested applicants should submit a letter that describes the organization and the purpose for which funds are being requested. Also include a copy of the IRS tax-exempt letter.

**The Foster Foundation**

13 Central Way

Kirkland, WA

98033

**Phone:** 206-726-1815

**Email:** [info@thefosterfoundation.org](mailto:info@thefosterfoundation.org)

**Url:** <http://www.thefosterfoundation.org/>

**Primary Contact:** Ms. Karen O. Rowe, Foundation Administrator

**Total Annual Giving:** \$3,599,000

**Grant Range:** \$1,000 - \$125,000

**Grant Details:** Occasionally, larger grants are made.

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** Applications are accepted from January 1 to August 31, annually.

**Areas of Interest:** The Foster Foundation works to advance the quality of life for present and future Northwest generations. The Foundation supports nonprofit organizations in Alaska, Idaho, Montana, Oregon, and Washington, with a focus on the city of Seattle and neighboring communities.

**Application Procedures:** All interested applicants must submit a grant request using the Foundation's online application form.

**The Hearst Foundations**

300 West 57th Street

26th Floor

New York, NY

10019 -3741

**Phone:** 212-586-5404

**Fax:** 212-586-1917

**Email:** [hearst.ny@hearstfdn.org](mailto:hearst.ny@hearstfdn.org)

**Url:** <http://hearstfdn.org/>

**Primary Contact:** Mr. Paul Dinovitz, Executive Director

**Additional Contact Information:**

Address for requests west of the Mississippi:

William Randolph Hearst Foundations

90 New Montgomery Street

Suite 1212

San Francisco, CA 94105

415-908-4500

415-348-0887 (fax)

[hearst.sf@hearstfdn.org](mailto:hearst.sf@hearstfdn.org)

**Total Annual Giving:** \$245,150,000

**Grant Range:** \$50,000 - \$100,000

**Eligibility Requirements:** Nonprofit organizations

**Application Deadlines:** None

**Application Procedures:** Application guidelines are available on the Foundations' website or may be requested from the address listed above.

Organizations located east of the Mississippi River should send requests to the New York office. Organizations located west of the Mississippi River should send requests to the San Francisco office.



## **9.9 PRIORITY: Water and Sewer**

### **9.9.1 Project Description**

#### ***Background***

Only the school, clinic, washeteria, and teacher housing have complete piped water and sewer service.

#### **Water and Sewer Service Fees:**

- Laundry: \$7-10 per load
- Showers: \$3.50
- Water: \$1/15 gallons
- Honey-bucket Haul Fees: \$40 per month

Some homes have internal flush/haul septic systems. There are City honey-bucket bins available around town; overflow is a problem during spring melt. When honey-bucket haul fees are not paid, some people empty honey-buckets into card-board boxes which stay frozen all winter but health hazards if not hauled away before they melt.

The water tank does not always maintain enough water for personal use and emergencies like fires. Residents must conserve water at certain times of the year. Most residents self-haul water.

Water is derived from a catch basin on the East side of the island that collects rainwater and snowmelt. It is treated and stored in a tank for both community and washeteria use. In the winter, drinking water is also obtained from ice chopped from ponds on the mainland on both the East and West sides of the inlet, five to seven miles from Sarichef Island. Other summer water sources include rainwater collected from the roofs, and hauling water from the Serpentine River.

#### **Upgrades since the publication of the last Shishmaref LEDP:**

- Almost 1/3 of homes have had flush toilet, sink, shower or a combination of these installed.
- The sanitation road has been improved so it is now faster and less bumpy driving to the sewage lagoon.

ANTHC has completed the Shishmaref Sanitation Master Plan which is shovel-ready when funded.

Shishmaref might get funding to protect sewage lagoon from storms. ANTHC was scheduled to look at the site on 12/13/12.

There's funding for an AVEC waste-heat project for the City Garage where water and sewer transport equipment are stored along with the fire truck.

### ***Project Needs and Benefits***

- Adequate water storage tank capacity
- Adequate water source needed to supply homes with service
- Running water and sewer in homes
- Separate vehicles/equipment and personnel for hauling water and sewer

### ***Potential Constraints to Project Development***

Many of Alaska's rural villages have inadequate water supplies and sewer systems. Funding sources for new water source development and water and sewer projects are competitive and limited. Most of the sewer and water funding goes to other communities where the needs are greater. Some funding sources may be reluctant to award grants to fund extensions to older homes or homes that are located in difficult places.

## **9.9.2 Project Implementation**

### ***Plan of Action***

- Keep open communication with agencies like ANTHC about how the community can help move projects forward.
- Collaborate with RUBA, ANTHC, & NSHC to secure funding for sanitation infrastructure improvements in phases according to Shishmaref's Sanitation Master Plan.
- Find out how other villages are getting similar things done.
- Hold local meetings to determine sewer and water needs and priorities based on which community projects are funded and scheduled to begin.
- With funds from Kawerak's Grant Writer Assistance program hire a grant writer to identify funding sources and submit an application for design and construction funds.
- Make needs known.
  - Describe needs in writing; distribute description to Kawerak, decision makers, and legislators.
  - Hire a lobbyist to assist in securing funds through State of Alaska.

### ***Organizations Responsible and Contact Information***

#### **1. Native Village of Shishmaref**

PO Box 72110  
Shishmaref, AK 99772  
Phone: 907-649-3821  
Fax: 907-649-2104

#### **2. City of Shishmaref**

P.O. Box 83  
Shishmaref, AK 99772  
907-649-3781 ph  
907-649-2131 fax

### **3. Shishmaref Native Corporation**

PO Box 72151  
Shishmaref, AK 99772  
Phone: 907-649-3821 or 2082  
Fax: 907-649-2104  
Email: tc.shh@kawerak.org

#### ***Funding Possibilities and Other Contact Information***

- **Kawerak's Community Planning and Development** program has a Regional Grant Specialist that might be able to assist in identifying possible sources of funding. Contact at [regspec@kawerak.org](mailto:regspec@kawerak.org) or 443-4254.
- **State of Alaska Legislature**
  - Request assistance for a capital project
  - Representative Neal Foster
  - Senator Donald Olson
  - <http://senate.legis.state.ak.us/>
- **State of Alaska Department of Commerce, Community & Economic Dev.**
  - <http://www.dced.state.ak.us/>
- **Norton Sound Health Corporation - Office of Environmental Health**
  - Kevin Zweifel, Director, 907-443-3294, [kzweifel@nshcorp.org](mailto:kzweifel@nshcorp.org)
  - <http://www.nortonsoundhealth.org/>
- **Alaska Native Health Consortium (ANTHC)**
  - <http://www.anthc.org>
- **State of Alaska – Department of Water - Village Safe Water (VSW)**
  - Manager: Greg Magee, 907-269-7613
  - [dec.alaska.gov/water/vsw/](http://dec.alaska.gov/water/vsw/)
- **CDBG - Department of Commerce, Community, & Economic Development**
  - Requires matching funds of 25% to receive highest scoring
  - \$850,000 maximum annual grant amount per community
  - Deadline: 1<sup>st</sup> Friday in December by 4:30 p.m.
  - Application materials usually available in early September and workshops in fall
  - Grant Administrator: Janet Davis (907)-451-2746
  - <http://www.dced.state.ak.us/dca/grt/blockgrants.htm>

- **ICDBG**
  - Wants to see matching funds
  - Application may be out in October and will include due date.
  - Maximum Grant award: \$600,000
  - Key contact: Elaine Hammes, Grants management Specialist, 907-677-9884
  - <http://www.hud.gov/offices/pih/ih/grants/icdbg.cfm>
- **Rasmuson Foundation**
  - Tier 1 (\$25,000 or less), 60-90 day approval, Jeff Baird, Program Associate, 907-297-2831, [jbaird@rasmuson.org](mailto:jbaird@rasmuson.org) or Aleesha Towns-Bain, Senior Program Associate, 907-297-2875, [atowns-bain@rasmuson.org](mailto:atowns-bain@rasmuson.org)
  - Tier 2 (over \$25,000), Approval by Board in June and December meetings annually, Sammye Pokryfki, Senior Program Officer, 907-297-2881, [spokryfki@rasmuson.org](mailto:spokryfki@rasmuson.org)
  - [www.rasmuson.org](http://www.rasmuson.org)
- **USDA Rural Development Housing and Community Facilities Program**
  - No grant application deadline
  - Multiple programs
  - Contact: James Nordland, State Director, 907-761-7707, [james.nordlund@ak.usda.gov](mailto:james.nordlund@ak.usda.gov)
  - <http://www.rurdev.usda.gov>
- **Indian Health Service (IHS) Division of Sanitation Facilities Construction (DSFC)**
  - Alaska Division Director, Steve Bolan, 907-729-3711, [steven.bolan@ihs.gov](mailto:steven.bolan@ihs.gov)
  - <http://www.ihs.gov/dsfc/index.cfm?module=home>
- **Private Foundations and Local Donations**

## 10.0 Review and Update Process

The joint entities are encouraged to evaluate, revise, and update Shishmaref's Top LEDP Priorities annually. New priorities, adopted by joint resolution, will then be attached to the five year LEDP.

## 11.0 Maps

Current map of Shishmaref are available through Kawerak's Community Planning and Development program or Kawerak Transportation.

## 12.0 Public Participation

### Public Planning Meetings

Public planning sessions were held on December 12, 13, and 14, 2012 to assess the community's current assets and needs, and revise the community's Local Economic Development Plan (LEDP). Participants identified development goals and priorities in line with the community's values, strengths, and needs. Participant attendance numbered from 11 to 21 with an average daily attendance of about 15 community members. The general public was invited and encouraged to attend the meetings. Members of the Traditional Council, City Council and Staff, Native Corporation Board, and Youth Leaders were present at each meeting, showing diverse input from the community on future paths of development.

<b>Sign In Sheet</b>			
<b>Community:</b> <u>Shishmaref</u>		<b>Date:</b> <u>12-12-12</u>	
Name	Agency	Email address	Phone number
<u>CURTIS Nayokpuk</u>	<u>SHH NAT. CORP</u>	<u>CURTISN@GCI.NET</u>	<u>649-3651</u>
<u>Kelly Ningculook</u>		<u>Kningculook@yahoo.com</u>	<u>649-4631</u>
<u>Brittany Oxerock</u>		<u>b-oxerock@yahoo.com</u>	<u>649-2382</u>
<u>Cheyenne Nayokpuk</u>		<u>ostanuyokpuk@yahoo.com</u>	<u>649-3851</u>
<u>ESAN Sirovuk</u>		<u>ESIROVUK@yahoo.com</u>	<u>639-1210</u>
<u>Ned Angupuk</u>		<u>N_angupuk@yahoo.com</u>	<u>649-361</u>
<u>James Torkto</u>		<u>samtackto@yahoo.com</u>	<u>639-1141</u>
<u>Stanley Torkto</u>	<u>CITY</u>	<u>StanleyTorkto@yahoo.com</u>	<u>649-5478 - 649-3128 (cell)</u>
<u>Tom A. Weigmann Sr</u>	<u>Shishmaref Corp</u>	<u>Shishmaref Corp@shish.com</u>	<u>649-3261</u>
<u>Tommy Obock</u>	<u>Shishmaref Corp</u>		<u>639-1156</u>
<u>Frieda Eningdook</u>	<u>SHH Native Corp</u>	<u>jane4368@yahoo.com</u>	<u>649-2261</u>
<u>Fred D. Eriagook</u>	<u>Local</u>	<u>Davis 62957@yahoo.com</u>	<u>649-2261</u>
<u>Irene Angupuk</u>	<u>Local</u>	<u>Irene Kitten 294@yahoo.com</u>	<u>466-8492</u>
<u>Alice Schultze</u>		<u>ALICESH72@yahoo.com</u>	<u>639-1083</u>
<u>Barla Nayokpuk</u>	<u>IRA</u>	<u>knayokpuk@kawerak.org</u>	<u>649-3821</u>
<u>ANDREW P. Weigmann Sr</u>	<u>IRA</u>	<u>POBOX 717 SHH AAA</u>	<u>649-3691</u>
<u>Eric Nayokpuk</u>	<u>SHH Youth</u>	<u>Eric Nayokpuk</u>	
<u>Mike Ertuk</u>	<u>SHH School</u>		
<u>Henry Angupuk</u>	<u>SHH School</u>		
<u>Thomas Angupuk</u>		<u>tom-angupuk-sh@yahoo.com</u>	<u>649-3061</u>
<u>Quinn Burr</u>	<u>CITY OF SHH</u>		<u>639-1321</u>

LEDP Meeting Sign In Sheet, Dec. 12, 2012



## Sign In Sheet

Community: Shishmaref

Date: 12/13/12

Name	Agency	Email address	Phone number
Stanley Tacktoo	City	StanleyTacktoo@yahoo.com	649-5478
Tony Weyiouanna Sr	SNC	shynativecorp@yahoo.com	649-3751
Fred D. Eniangook	Local	davis6255@yahoo.com	649-2261
Frieda Eniangook	SHH Native Corp		649-2261
Alice Schulte	City	alli99712@yahoo.com	639-1003
Edwin J Weyiouanna	Local	hex149shh	649-8452
Eric Nayokpuk	Youth Leader	Eric.Nayokpuk@yahoo.com	649-8837
Henry Angupuk	Student	hanguk@alaska.edu	649-3061
Lynden Weyiouanna	Youth Leader		649-8252
Samuel Tacktoo	Youth Leader	samtacktoo@yahoo.com	639-1161
Kelly Wingenlook	Youth Leader		649-4881
Donna Barr	City Office		
Fletcher Wingenlook	City office	Fletcher Wingenlook	649-2240
CURTIS E. NAYOKPUK	SNC	CURTIS@GCLINE	649-3651

LEDP Sign In Sheet, Dec. 12, 2012

## Sign In Sheet

Community: Shishmaref

Date: 12/14/12

Name	Agency	Email address	Phone number
Eric Nayokpuk	Youth Leader		649-8837
Angela Weyiouanna Sr	SNC	shhnt@alaska.edu	649-3751
Stanley Tacktoo	City	StanleyTacktoo@yahoo.com	649-5478
Fred D. Eniangook	Local	davis6255@yahoo.com	649-2261
Frieda Eniangook	SHH Native Corp	jane436@yahoo.com	649-2261
Alice Schulte	City	alli99712@yahoo.com	639-1003
Donna Barr	VBC/IRA	dlbarr@nshcorp.org	649-2150
Kelly Wingenlook	Youth Leader		649-41681
Barla Nayokpuk	IRA		649-3821
Irene Angupuk	Comm. Member	grenekitten-24	
Samuel Tacktoo	Youth Leader	samtacktoo@yahoo.com	466-8492 639-1161

LEDP Sign In Sheet, Dec. 12, 2012

#### Joint Entities Review of LEDP Draft

Following the completion of the public planning meetings in December, 2012, the Tribal Council, the City Council, and the Native Corporation Board agreed to review the draft LEDP, edit if necessary, and adopt the plan by joint resolution.

## BIBLIOGRAPHY

Alaska Department of Commerce, Community, and Economic Development (DCCED), *Community Profiles*, available online at: [http://www.dced.state.ak.us/dca/commdb/cf\\_block.htm](http://www.dced.state.ak.us/dca/commdb/cf_block.htm)

Alaska Department of Transportation & Public Facilities – Statewide Transportation Improvement Program (STIP): <http://www.dot.state.ak.us/stwdplng/cip/stip/index.shtml>

Kawerak and the Bering Strait Development Council, *The Bering Strait Comprehensive Economic Development Strategy 2009-2013*, Nome, Alaska 2009.

Shishmaref 2008-2012 Local Economic Development Plan, Available online at: <http://www.kawerak.org/ledps/shishmaref.pdf>

Shishmaref Long Range Transportation Plan, Available online at: <http://www.kawerak.org/servicedivisions/csd/trans/LRTP/ShishmarefLRTP.pdf>

U.S. Census Bureau, Census 2010. Available online at <http://live.laborstats.alaska.gov/cen/dparea.cfm>

United States Census 2010, available online at: <http://2010.census.gov/2010census/popmap/ipmtext.php?fl=02>

US Army Corps of Engineers: <http://www.poa.usace.army.mil/hm/default.htm>



**Prepared for the Community of Shishmaref and The Bering Strait Development Council  
by  
The Shishmaref Planning Organizations and Kawerak Community Planning and  
Development**

**Shishmaref Planning Organizations**

City of Shishmaref  
P.O. Box 83  
Shishmaref, AK 99772

Shishmaref Native Corporation  
P.O. Box 72151  
Shishmaref, AK 99772

Native Village of Shishmaref  
P.O. Box 72110  
Shishmaref, AK 99772

**Kawerak Community Planning and Development Department**

Community Services Division, Kawerak, Inc.  
Simon Ellanna Strickling, Planning and Development Specialist  
PO Box 948, Nome, AK 99762  
907- 443-4253 Fax 907-443-4449  
Web - [www.kawerak.org](http://www.kawerak.org) / E-mail: [sstrickling@kawerak.org](mailto:sstrickling@kawerak.org)