



BBNA Natural Resource Department's Continued Efforts on Climate Change



There are many issues that the Natural Resources Department (NRD) works on, but one of the largest issues we worked on this fall was adapting to climate change. Coastal erosion has threatened the region's infrastructure and changing wildlife migration patterns have changed our hunting and fishing efforts. Decreased snow and ice means less transportation options such as snowmobiling. Our department is glad to continue helping with the important task of adapting to climate change. Starting in August, our staff helped train people on installing time-lapse cameras in Bristol Bay communities to directly monitor coastal erosion throughout the region. In September, participants from local tribes, universities, government agencies, and nonprofits gathered in King Salmon to identify other tools and strategies to address the challenges of a rapidly changing coast. The event provided a unique opportunity to network, share ideas and strategies, identify gaps in knowledge, and maximize collective efforts. In October, we participated in the Alaska Tribal Conference on Environmental Management to discuss related work. We also attended the International Maritime Organization to advocate for tribal representation at this important international shipping regulatory body that discussed Bering Sea and Arctic shipping in the face of melting Arctic sea ice. Further, we discussed climate issues related to our salmon runs at the "Long-term Challenges to Salmon

and Salmon-Dependent Communities" workshop. And in November, 12 tribal representatives from throughout the region attended the Northwest Climate Conference in Washington State to learn from others on best practices toward climate change resiliency.



Environmental Program Manager Susan Flensburg asks a question at the Northwest Climate Conference on November 15, 2016. Twelve tribal representatives from Bristol Bay attended the conference with funding from BBNA through a BIA Tribal Climate Resilience grant.

We hope that these efforts will help educate our people more on the issue, and move us all towards effective regional climate-change adaptation strategies. We strive for strong partnerships between BBNA and the other four regional organizations (BBNC, BBEDC, BBHA and BBAHC) to help ensure people in Bristol Bay are aware of the changes happening, and to discuss ways on how we can help the region adapt. One good idea was to seek flexibility in hunting and fishing regulations so that community members have a better chance at properly harvesting enough food during changing weather patterns. BBNA Natural Resources Department is always looking for good ideas to ensure our tribal members are benefitting the most from sound natural resource management policies. Please contact us anytime with your thoughts. Happy Holidays and Qu yana!

Upcoming Events

- Nov. 29-Dec. 2, 2016: BIA Providers Conference
- Nov. 30-Dec. 1, 2016: Ocean Acidification "State of the Science" Workshop
- Dec. 6-15, 2016: North Pacific Fisheries Management Council meeting
- Dec. 13-14, 2016: Conservation Summit: Sustaining Alaska in a New Era
- Jan. 30-Feb. 7, 2017: North Pacific Fisheries Management Council meeting

Tribal Hazard Mitigation Project

BBNA introduced the Tribal Hazard Mitigation Planning (THMP) Project with a letter to the tribes in August 2015. The tribes appointed Points of Contact (POCs) and BBNA with FEMA provided them with Tribal Hazard Mitigation Training in Dillingham on September 14-15, 2015. This was the first step in capacity and team building at the tribal level to complete tribal hazard mitigation plans for each tribe. Tribal Hazard Mitigation Planning, which emphasizes the tribe identifying their vulnerability to hazards and developing hazard mitigation strategies, will help tribes build resiliency. Having a FEMA approved Tribal Hazard Mitigation Plan is an important step in making the tribe eligible for certain FEMA non-emergency disaster assistance and hazard mitigation grants.



Road in Clark's Point, AK.

BBNA brought Brenda Kerr, Consultant with Alaska Community Planning LLC, to Dillingham on November 2-4, 2016 to work with DOTID staff on inserting and organizing the latest guidance/template pages into the tribes' workbooks and to have face-to-face planning meetings with the BBNA THMP Team. The Team reviewed sections of the template and considered ways to increase progress on the project.

A second round of training events will bring three people from each tribe for training, collaboration with neighboring tribes, and technical assistance to work on

their THMP. The 3-day training events would travel people on Monday, attend training for three days, and then travel them home on Friday. The first training day would consist of presentations by industry and agency experts, such as the Alaska Earthquake Information Center, Alaska Volcano Observatory, FEMA, etc.

As a part of the technical assistance being provided by BBNA, individualized workbooks are being prepared for each tribe with demographics, background information, guidance material, and template pages. The three-member Hazard Mitigation Teams from the villages would spend time with facilitators on the second day to populate sections of their THMP. Day three would allow the teams to work more on their workbooks and time to collaborate with neighboring tribes on mutually important tribal areas.

Since we would not be able to work with 31 tribes simultaneously, the tribes are split into three groups that will attend a training/planning session together and then receive technical assistance on their THMP. The villages' three-member Hazard Mitigation Team consists of the POC, and two other people perhaps on the council or who work in public safety, fire, search and rescue, or emergency services. Tribes are in the process of naming their teams.

Draft Tribal Hazard Mitigation Plans will be reviewed in each village at a public meeting. Members of the BBNA THMP Team would travel to each village, do reconnaissance, attend and help facilitate the public meeting, and help the community with finalizing their plan.

For more information, please contact members of the BBNA THMP Team:

Patty Heyano, Acting DOTID Director
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Brenda Kerr, Consultant
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Annie Fritze, ED Program Manager
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Gusty Akelkok, Technician
(907)842-6143, email gakelkok@bbna.com

Stephanie Aikins, Regional Energy Coordinator
(907)842-6224, email saikins@bbna.com

Jenifer Wilson, Program Assistant
(907)842-6142, email jwilson@bbna.com

BBNA Brownfields Program

The Brownfields Program is currently operating from the new FY 16-17 grant! This means new goals and objectives are being planned for the year. This year CaSanderia is working towards getting two training sessions hosted in Dillingham. In partnership with US Environmental Protection Agency (EPA), United States Coast Guard (USGS), and Institute for Tribal Environmental Professionals (ITEP) an Oil Spill Response Training will be offered sometime in the spring. This training opportunity will be 3 day course and cover many different aspects from tank farm spills to addressing home owner fuel tank issues. The other training is in partnership with Zender Environmental to offer a Soil and Water Certified Sampling course also in the spring. This course trains tribes to collect soil and water samples for lab analyses and parameter monitoring, qualifies them to be a State of Alaska certified samplers, and earns them University credit.

Besides working on getting training for the tribes, CaSanderia is continuing to update the inventory with areas of concern with participating villages and working towards getting sites of concern through the beginning stages of brownfield processes. Also, it's that time of the year again where CaSanderia will be working hard on getting all closeout documents finished and start working on draft funding requests for the FY 17-18 Brownfields Program. If you have a question or a concern about a contaminated site in your community, or questions about the Brownfields program, please contact CaSanderia Johnson, Tribal Environmental Response Program Coordinator, by phone (907) 842-5257 or email cjohnson@bbna.com.

Consolidated Tribal Government Services

New Community Services Department staff at BBNA main office:

Bonnie Kropoff, CSD Director; Diane Folsom, Accounting & Office Management Specialist; New Staff located at Tribal Offices: Kristy Peters, Administrator – Ekuk; Mary (Jenny) Apokedak, Administrator – Levelock; Andrewski Toyukak, Administrator and Jaclyn Alakayak, Clerk – Manokotak; Brice Eningowuk, Administrator and Deanna Snyder, Clerk – Togiak

For a full directory of Tribal Councils in Bristol Bay visit the BBNA website:

<http://www.bbna.com/councils/>

VPSO Program

BBNA has three of the seven funded VPSO positions filled and is recruiting to fill four positions in our region. Recruitment is open for the four vacant positions, to be filled on a first come-first served basis, from seven potential duty stations: Aleknagik, Chignik Bay, Egegik, Ekwok, Iliamna/Newhalen, New Stuyahok, or Port Heiden.



For information on the VPSO program and how to apply to become a VPSO visit the BBNA website <http://www.bbna.com/bbna-employment/>, the Department of Public Safety website <http://dps.alaska.gov/ast/vps0/about.aspx>, or contact Carla Akelkok, VPSO Program Manager toll-free at (800) 478-5257, direct at (907) 842-6135, or email cakelkok@bbna.com.

Upcoming events: The VPSO Program will utilize the USDOJ COPS Hiring and Equipment/Training Grant funds to conduct, in coordination with DPS/AST, the 2017 VPSO Annual Training in early December 2016.

Tribal Justice Programs

BBNA received US DOI/BIA Office of Justice Services, Division of Tribal Justice Support funds for Alaska Village Tribal Court Support. The \$5,000 per Tribe funds will be used on training, travel, and basic equipment and supplies ahead of the Division's plan to conduct tribal court assessments and make additional and regular tribal justice support funds available. Additional funds for outreach to plan the distribution of the \$5,000 per tribe allocation are anticipated in the near future as well.

Recruitment efforts for a Reentry Program Manager continue so BBNA can continue work to build the plan to reduce Native recidivism, improve public safety, and improve outcomes for offenders reentering the Bristol Bay region. The Program Manager will continue to work with the Regional Reentry Coalition to finish the design of the culture-based program and help secure funding for program implementation.

Bristol Bay Shoreline Erosion Monitoring Project

Natural Resources Department Environmental Program

"I lost a subsistence site that was over 100 feet back because of erosion. We had to pull our nets because of islands of land floating by."

-August 2016 Bristol Bay Shoreline Erosion Monitoring Workshop participant, Pilot Point



Communities in our region are vulnerable to flooding and erosion. Currently, the effects of shoreline change are under-monitored due in part to the expansive coastline and a lack of instrumentation in rural areas. In response to these issues, Bristol Bay Native Association (BBNA) is partnering with the Alaska Division of Geological and Geophysical Surveys (DGGs), University of Alaska Fairbanks (UAF), and Marine Advisory Program on a pilot project to establish a method for community-based monitoring of shoreline change. Funding for this project comes from Alaska Sea Grant and the Bureau of Indian Affairs.



In order to prepare community members to monitor erosion with limited on-site technical assistance, a workshop was held in August 2016 hosted by project partners. The two-day workshop trained fifteen participants from twelve communities on how shorelines change, how to monitor them, and how to interpret and submit monitoring data to online databases.

After the workshop the project team traveled to Port Heiden, Levelock, and Togiak where they met with community members and set up monitoring sites. In Aleknagik, the community and project team agreed it would be important to install a water level sensor to monitor lake level changes. In spring 2017, the project team will work with five additional communities to install monitoring sites. Communities that are not visited by the team will be supported in the establishment of their own monitoring sites.

Angel Tree Project



The Angel Tree Project a program that provides a gift for a child that may not receive one. We are currently accepting gifts for all ages 0-18. If you have something you would like to donate or have any questions, please call Barbara Nunn at (907)842-4139. Donations can be dropped off at the Val Larson Family Resource Center, Family Services Department.

Economic Development Program

Partnered with SWAMC, BBNA Economic Development Program received the Department of Energy's Inter-Tribal Technical Assistance Energy Providers Network sub-recipient three-year grant signed on September 28, 2016.

The project will include a team of technical advisors who will provide expertise in renewable energy, utility management, and staff training. Under this project, in collaboration with SWAMC, BBNA Economic Development program will:

1. Establish a Regional Energy Coordinator within BBNA.
2. Expand technical assistance capacity of regional residents.
3. Demonstrate capacity through advancing energy efficiency, heat, and power supply projects.
4. Secure long term strategic and funding commitments for the technical assistance structures.



Stephanie Aikins with her husband Bobby.

The Economic Development Program is pleased to introduce Stephanie Aikins, BBNA's Regional Energy Coordinator. Stephanie will contact with communities in the Bristol Bay region on energy needs and projects and serve as a point of contact and communication on the Bristol Bay Regional Energy peer network. Stephanie was recently hired as the Rural Energy Coordinator for BBNA Economic Development Program. Stephanie understands that the rise in energy costs is a big issue for our region and is looking forward to working with our villages and people to help understand what can be done to alleviate that burden.

This past summer, Stephanie worked for BBNA as the Temporary Forestry Program Manager and before that she worked for the City of Dillingham as the Fire Coordinator for the Dillingham Volunteer Fire Department & Rescue Squad. Stephanie is a certified Firefighter 1 & 2 and is also an EMT-2. She has two degrees, one in Culinary Arts, and the other in Restaurant Management.

Stephanie is originally from Iowa, but has lived in Dillingham for over 5 years now. She is married and recently gave birth to their first baby. They have 4 dogs and a cat and they are also like her kids. Family is very important to her and she tries to spend as much time with them as she can. Stephanie also loves to be outdoors. In the winter-time she loves to ride her snow-glo all around the area and also to go get wood for their boiler. Stephanie hasn't had the opportunity to shoot a moose yet, but she's hoping to change that this winter. In the summer she loves to hike, camp, kayak, and fish, if it's decent weather outside you'll usually find her somewhere near the mountains.

Welcome Stephanie Aikins to BBNA! Stephanie can be reached at (907) 842-6224, or email saikins@bbna.com.

USDA-RD Information

USDA Rural Development, Alaska Office in partnership with the Bristol Bay Native Association.

“Committed to the Future of Rural Communities”

To review all USDA Rural Development Loan and Grant programs, visit: www.rd.usda.gov/ak

Loan and Grant Programs

USDA is an equal opportunity provider, employer and lender. To file a complaint of discrimination write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice), or (202) 720-6382 (TDD).

Business Programs

USDA Rural Development provides for business credit needs in under-served rural areas, often in partnership with private-sector lenders. Creating jobs and stimulating economic development can happen by growing and creating rural businesses and cooperatives.

Continued on next page

Business and Industry (B&I) Guaranteed Loans:

To help new and existing businesses gain access to affordable capital. Provides guarantees of up to 90% of loans made by private lenders. This helps lower the lender's risk and allowing for more favorable interest rates and terms.

Business Activities Examples:

Business conversion, expansion, repair, modernization, or development * Purchase and development of land, easements, rights-of-way, buildings or facilities * Purchase of equipment, leasehold improvements, machinery, supplies, or inventory * Working capital and debt refinancing

Rural Business Development Grant Program (RBDG):

Grants are made to public bodies, non-profits, and tribal entities so that they may assist small and emerging businesses and or/non-profits in their communities create and support jobs. (Formerly the RBEG and RBOG programs)

RBDG Examples:

Technical assistance, training, planning for business and economic development.



Renewable Energy for America Programs (REAP):

Grant and loan guarantees to agricultural producers and rural small businesses to purchase or install renewable energy systems or make energy efficiency improvements. Grants up to 25% of the total eligible project cost. Loan Guarantees on loans up to 75% of the total eligible project cost.

REAP Examples:

biomass, geothermal, wind, and solar projects, high efficiency heating, ventilation and air conditioning systems (HVAC), insulation, lighting, cooling or refrigeration units, doors and windows, and replacement of energy-inefficient equipment.

Housing Programs

USDA provides homeownership opportunities to low, very low, and moderate income rural Alaskans through several loan, grant and loan guarantee programs.

USDA Rural Development invites collaboration with other housing programs or funding sources to make Native Homeownership attainable.



New houses under construction in Port Heiden back in 2010.

502 Home Loan:

Used to buy an existing house for sale or to build a new house. New homes must be built by a licensed and bonded contractor. No down payment required. Loans are low interest and have a 33-year repayment.

504 Home Improvement Loan or Grant:

To renovate an existing home that is owned and occupied by the applicant. Used to make repairs and improvements that eliminate health and safety hazards, and make the home more safe

and sanitary. Can be a loan up to \$20,000 for 20 years at 1% interest for the very low income household.

Can be a grant up to \$7,500 only for those who are 62 years and older and cannot repay a loan. Can be a combination of a loan and grant for those 62 years and older, depending on income, for a maximum of \$27,500.

Continued on next page

Home Loan Guarantee:

Moderate income households who can get a home loan from a commercial bank may have their loans guaranteed.

Community Facilities Programs

Community Facilities are essential to the quality of life in any rural community. USDA Rural Development is striving to ensure that such facilities are readily available to all rural Alaskans. An upgraded facility saves energy costs, and usually decreases operations and maintenance expenses.

Community Facilities Grant:

Up to \$50,000 in grant funds may be made available to communities whose median household income and population meet requirements. 25% of total project cost must be cash match.

Community Facilities Loan:

Term limit may equal the useful life of the facility, the applicant's borrowing authority, or up to 40 years. Low interest rates usually between 3.5 and 4.5% make loans affordable. No down payment required.

Funded Examples:

fire stations * fire and rescue equipment * hospitals * medical/dental clinics * medical equipment * alcohol treatment and prevention facilities * community buildings * city halls * cultural centers * libraries * school facilities * furniture for programs * fuel storage tank repairs * roads and street improvements * street lights * heavy equipment * bridges * harbor facilities * ferries * equipment to retrofit community facilities for renewable energy sources.

Please be in contact with:

For USDA Rural Development:

Tasha Deardorff, West Area Director (907)271-2424
tasha.deardorff@ak.usda.gov

For BBNA:

Annie Fritze, Economic Development Program Manager (907)842-6223
afritze@bbna.com



Fifty Years: Reflect, Refresh, Renew

We express our gratitude to the delegates and participants of the Bristol Bay Region! We appreciate your investment and engagement, additionally thanks to our sponsors! We look forward to seeing you again next year in Anchorage!

DENALI: Chugach Alaska Corporation | ExxonMobil | GCI

KATMAI: Afognak Native Corp. | Alaska Airlines | Arctic Slope Regional Corp. | BP | NANA Regional Corp. U.S. Department of Energy - Office of Indian Energy | Tanana Chiefs Conference | Ukpeagvik Inupiat Corp. Wells Fargo

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Bristol Bay Calendar Events

| Event/Location | Date | Contact Information |
|--|-------------------|--|
| BBNA Executive Committee Meeting Location: Dillingham | January 20, 2017 | BBNA (907)842-5257 or (800)478-5257 Ask for DeeDee Bennis |
| BBNA Full Board Meeting Location: Dillingham | March 21-23, 2017 | BBNA (907)842-5257 or (800)478-5257 Ask for DeeDee Bennis |
| BBNA Executive Committee Meeting Location: Dillingham | April 28, 2017 | BBNA (907)842-5257 or (800)478-5257 Ask for DeeDee Bennis |

To see more community events go to BBNA's interactive Community Calendar at www.brownbearsw.com/cal/bristolbay

The Mission of BBNA is to maintain and promote a strong regional organization supported by the Tribes of Bristol Bay to serve as a unified voice to provide social, economic, cultural, educational opportunities and initiatives to benefit the Tribes and the Native people of Bristol Bay.

BBNA Contact Information

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BBNA Workforce Development
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To find out more information about BBNA, go to our website www.bbna.com