

EVOS ANNUAL PROJECT REPORT

All recipients of funds from the *Exxon Valdez* Oil Spill Trustee Council must submit an annual project report in the following format by September 1 of each fiscal year for which project funding is received, with the exception of the final funding year in which a final report must be submitted. Satisfactory review of the annual report is necessary for continuation of multi-year projects. Failure to submit an annual report by September 1 of each year, or unsatisfactory review of an annual report, will result in withholding of additional project funds and may result in cancellation of the project or denial of funding for future projects.

PLEASE NOTE: Significant changes in a project's objectives, methods, schedule, or budget require submittal of a new proposal that will be subject to the standard process of proposal submittal, technical review, and Trustee Council approval.

Project Number: 030610

Project Title: Kodiak Archipelago Youth Area Watch

PI Name: Teresa (Teri) L. Schneider

Time Period Covered by Report: October 1, 2002-August 31, 2003

Date of Report: September 2, 2003

1. Work Performed:

Initial site planning to create year long plans and the scheduling of training opportunities did not take place during the fall of 2002 as a direct result of understaffing resulting from the PI's extended maternity leave. Projects picked up as scheduled in January upon her return.

The Rural Regional Science Fair took place in the village of Port Lions, January 22-24, 2003. Students were chosen to participate from Ouzinkie (four), Larsen Bay (six), Chiniak (five), Danger Bay (three), and Old Harbor (seven). Also participating were Tonya Brockman from the National Wildlife Refuge, Patrick Saltonstall from the Alutiiq Museum, Amy Von Diest from the Imaginarium Science Discovery Center, Elders and other community members. Some of the place-based projects shared at the Science Fair included the following:

- Erosion - Testing various local soils pertaining to road construction on the Chiniak Highway
- Smoked salmon – Which wood is best for smoking salmon?
- Bridge construction and design of logging roads on Afognak Island
- Bird beaks and bird feet – an overview of Kodiak's birds
- Healing qualities of high bush cranberry
- Weather signs
- Over view of Kodiak's ducks
- Skin boats

- Volcanoes in Alaska
- Bow and drill technique
- Salmon egg – a follow up to the egg take project in Old Harbor
- Alutiiq men's headwear

Each student is required to show how their project or study is relevant to the culture and/or environment of our island community, thus much of what is shared is highly interesting to the visiting community and full of information of local use. Projects include background information gathered from local Elders and experts.

During the three-day event, students were further trained in the use of the scientific method and its traditional use by Elders throughout time. Survival training provided by the U.S. Coast Guard was canceled due to the fact that they were called out on a rescue. The Ouzinkie KAYAW team shared three power point presentations produced by students from their village regarding on – going efforts of seal bio-sampling, Iluani – oral history magazine, and the monitoring projects. The presentations were well received by the Port Lions community, visiting students and teachers.

One project, *Which Wood is Best for Smoking Salmon*, went on to the Alaska Native Science and Engineering Society's statewide science fair and then on to the American Indian Science and Engineering Society's National science Fair. Two others went to the Alaska Science and Technology Statewide science fair. One of them, *Erosion*, was awarded an Environmental Science Achievement Award.

Archaeological site surveys, preservation and maintenance projects have been performed by the Alutiiq Museum and Archaeological Repository staff in the communities of Old Harbor, Larsen Bay, Akhiok, and Port Lions throughout the late winter and early spring of 2003. Ouzinkie's has been rescheduled for the fall of 2004. Students learned of traditional harvest techniques, preservation and use of driftwood. In the process, students made throwing boards and spears while learning about traditional hunting techniques. The Alutiiq Museum brought their traveling exhibit teaching residence about traditional tools and their uses.

District staff attended GLOBE trainers training to provide the opportunity for on-going training among school staff in upcoming years.

Some harbor seal and sea lion bio-samples were sent directly from Akhiok and Old Harbor to Vickie Vanek throughout the year though no records were sent to the coordinator.

Students reported sea mammal sightings during Whale Fest in April and submitted those directly to the Whale Fest coordinators.

Susan Payne invited all sights to participate in the project "Sightings of Capelin and Pacific Sandlance on Kodiak Archipelago Beaches. All sights declined to participate directly during the month of May, though the poster was distributed through the KAYAW network and posted at each sight.

Attempts were made to have Bob Foy connect with students to set up and monitor the temperature loggers, but either weather or conflicts in scheduling prohibited follow through.

Iluani was published in May. Though it has not been directly funded by KAYAW, some of the work leading up to the re-establishment of the oral history magazine has been influenced by KAYAW projects and the idea of a publication for place-based, culturally and environmentally relevant writing. KAYAW has assisted in sponsoring experts to take part in past work shops which included TEK training that is still being used today. This year's publication includes, but is not limited to, the following:

- World War II – Memories of Chiniak
- The Subsistence Uses of Sea Otter: How to Harvest and Process the Animal
- Tidal Wave of '64
- A Loss of Afognak in 1964
- Gillnetting in the Past, Present and Future
- Fishing with Nickoli

The coordinator was contacted in the spring regarding a UAF Coastal Biodiversity Project that would be taking place in the summer months and asked to coordinate student participation to scrape rocks in the inter-tidal zones, collecting organisms and quantifying the collection. Headed up by two professors, Brenda Konar and Katrin Iken, the project would take place near the villages of Akhiok, Old Harbor, Larsen Bay and Port Lions. A student and an adult in Larsen Bay, Akhiok and Old Harbor participated.

Four archaeological interns were hired through KAYAW to work with Museum staff during the 2003 Community Archaeology Project in July and August.

The Academy of Elders/ Science Camp took place this summer, July 27-August 2 and included Elders, scientists and teachers.

Plans are currently being made now to develop KAYAW site plans for the 2003-04 academic year.

2. *Future Work:*

Staff continues to explore research and project opportunities for students. The coordinator hopes to complete site plans with each school to develop an area of concentration or theme of study at the local level, perhaps building on projects already taking place at the community or tribal level.

More work is being done to align KAYAW activities with the local Rural School's Integrated Science Curriculum that is in use for the second year. With the state adding science to the Benchmark Exams and High School Qualifying Exam in 2005-06, staff will work to re-align KAYAW activities/projects with the soon-to-be revised State Science Content Standards.

3. *Coordination/Collaboration:*

Coordination and collaboration continues to be extensive with the Alutiiq Museum and Archaeological Repository and the School District through the development of the summer intern employment, village outreach, and with the Museum being the final storing place for all oral histories gathered, as well as photos and other objects. Students continue to present locally to Tribal Councils and post information in public places for community members to read. Outreach to Elders and local experts came in the form of interviews for the oral history magazine, inclusion as judges in science fairs, participation in science camp, etc. The Native Village of Afognak and the District continue to collaborate in the development and continuation of the Academy of Elders/Science Camp. Coordination efforts for student projects and site studies continue through the efforts of, primarily, Dr. Brian Himmelbloom at the Fisheries Industrial Technology Center in Kodiak.

4. Community Involvement/TEK & Resource Management Applications:

Students submitting projects to the Rural Regional Science Fair must show evidence of consulting with local experts and/or Elders regarding their topic of study. Students must acknowledge the individual's contributions in their work. The oral history magazine continues to use guidelines developed, in part, during the TEK workshop with Huntington Consulting two years ago. All original interviews and photos from the Iluani project will be housed at the Alutiiq Museum and made accessible to future researchers.

5. Information Transfer: List (a) publications produced during the reporting period, (b) conference and workshop presentations and attendance during the reporting period, and (c) data and/or information products developed during the reporting period. [**PLEASE NOTE:** Lack of compliance with the Trustee Council's data policy and/or the project's data management plan will result in withholding of additional project funds, cancellation of the project, or denial of funding for future projects.]

GLOBE postings have been made throughout the academic year, primarily from Kodiak City and Chiniak. Project Website design is still in process. Other publications include:

- Seeger, H., Nelson, W. and Ursin, E. (2003). "Alutiiq Region: Science Fair." Sharing Our Pathways (March/April).
- Rural School's Students. (2003). Iluani

Coordinator participated in the First Alaskan Institute's gathering of spirit camp developers and presented the Academy of Elders/Science Camp project to approximately 35 participants.

6. Budget:

Initial site planning, which would have included the PI's site visits, to create year long plans and the scheduling of training opportunities did not take place during the fall of 2002 as a direct result of understaffing resulting from the PI's extended maternity leave. This left a large amount of unspent funds from the budget.

Prepared By: _____

Project Web Site Address: _____

SUBMIT ANNUAL REPORTS ELECTRONICALLY TO katharine_miller@oilspill.state.ak.us. THE REPORTS WILL BE POSTED ON THE TRUSTEE COUNCIL'S WEB SITE AND SHOULD ALSO BE POSTED ON THE PI'S WEB SITE. The subject line of the e-mail transmitting the report must include the project number and the words "annual report" (e.g., "035620 Annual Report"). Electronic reports must be submitted either as an Acrobat Portable Document Format (PDF) file or word processing document (Microsoft Word 2000 for Windows or lower or WordPerfect 9.0 or lower) with any figures and tables imbedded. Acrobat PDF 4.0 or above file format must be used, preferably in 'formatted text with graphics' (called "PDF normal" under Acrobat PDF 4.0) format. Minimally, "PDF searchable image" (called "PDF original image with hidden text" under Acrobat PDF 4.0) may be used if pre-approved by the Trustee Council Office. In either case, the PDF file must not be secured or locked from future editing, or contain a digital signature from the principal investigator.