

17TH ANNUAL Alaska Tribal Conference on Environmental Management

***Raising Awareness and Promoting Solutions for
Healthier Sustainable Communities***

November 7-11, 2011 | Hilton Hotel, 500 W. Third Ave



Sponsored by the Alaska Native Tribal Health Consortium



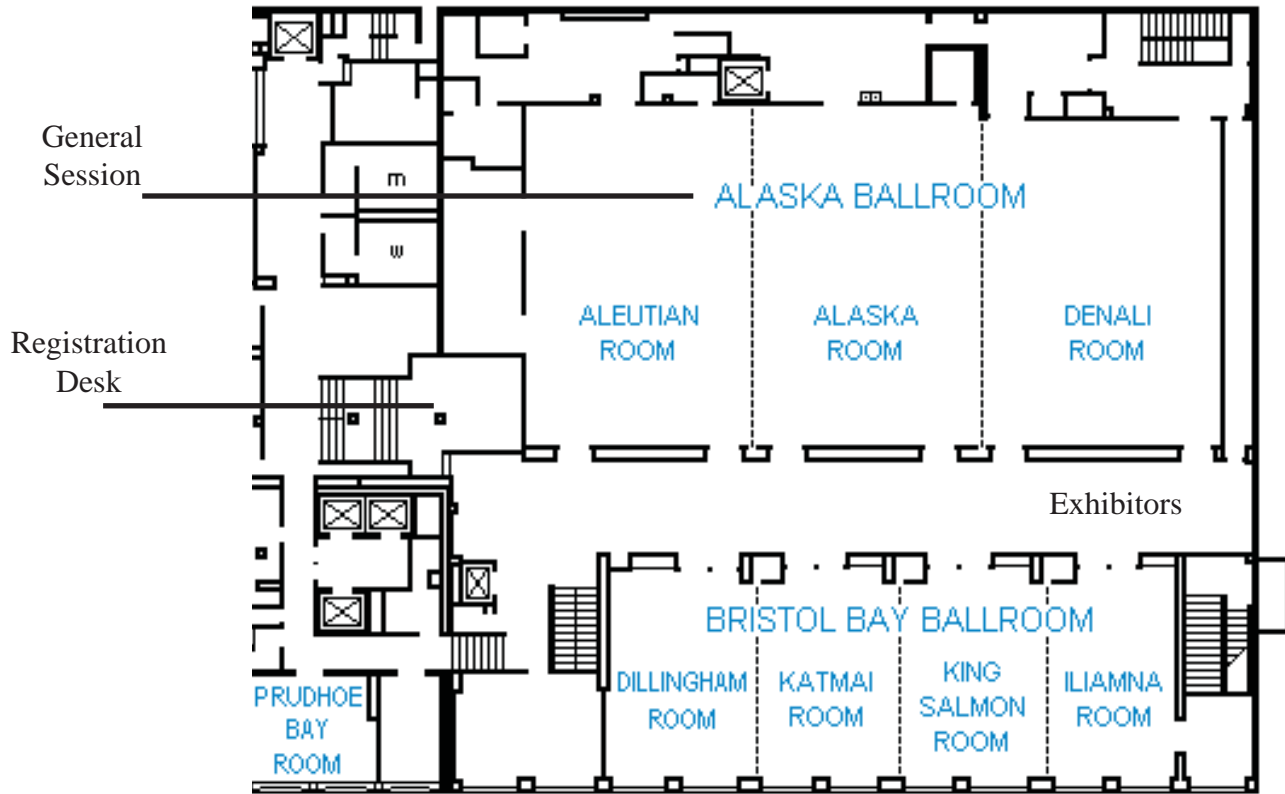
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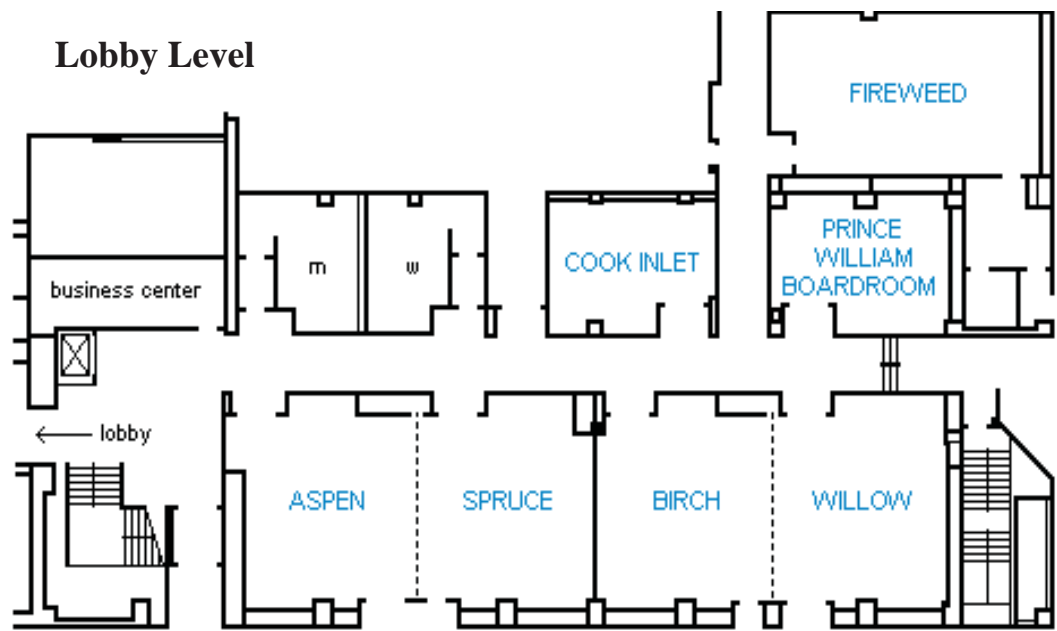


Hilton Hotel Floor Plan

Second Floor Level



Lobby Level



ATCEM Conference Overview

Monday, November 7

8:00 a.m. - 5:00 p.m.	Registration, 2nd floor
9:00 a.m. - 9:30 a.m.	Opening Session, Alaska Ballroom (2nd floor)
9:45 a.m. - 10:45 a.m.	Breakout Sessions
11:00 a.m. - 12:00 p.m.	Breakout Sessions
12:00 p.m. - 1:00 p.m.	Lunch on Your Own
1:30 p.m. - 2:30 p.m.	Breakout Sessions
2:45 p.m. - 3:45 p.m.	Breakout Sessions
4:00 p.m. - 4:45 p.m.	Breakout Sessions

Tuesday, November 8

8:00 a.m. - 5:00 p.m.	Registration, 2nd floor
9:00 a.m. - 9:30 a.m.	General Session, Announcements, Door Prizes (Alaska Ballroom)
9:45 a.m. - 10:45 a.m.	Breakout Sessions
11:00 a.m. - 12:00 p.m.	Breakout Sessions
12:00 p.m. - 1:00 p.m.	Lunch on Your Own
12:00 p.m. - 1:30 p.m.	Environmental Awards Luncheon, Alaska Ballroom
1:45 p.m. - 2:45 p.m.	Breakout Sessions
3:00 p.m. - 4:30 p.m.	Breakout Sessions

Wednesday, November 9

8:00 a.m. - 5:00 p.m.	Registration, 2nd floor
9:00 a.m. - 9:30 a.m.	General Session, Announcements and Door Prizes
9:45 a.m. - 10:45 a.m.	Breakout Sessions
11:00 a.m. - 12:00 p.m.	Breakout Sessions
1:30 p.m. - 2:30 p.m.	Breakout Sessions
2:45 p.m. - 3:45 p.m.	Breakout Sessions
4:00 p.m. - 4:45 p.m.	Closing Session, Alaska Ballroom, 2nd floor

Thursday, November 10

8:00 a.m. - 12:00 p.m.	Registration, 2nd floor
9:00 a.m. - 4:00 p.m.	Indoor Air Quality in Alaska (Alaska Room)
9:00 a.m. - 4:00 p.m.	7 Generations Training (Aleutian Room)
8:30 a.m. - 5:00 p.m.	State Tribal Respons Program Training (Closed Session-Dillingham Room)
9:00 p.m. - 12:00 p.m.	Performing Energy Audits (Katmai Room)
9:00 a.m. - 5:00 p.m.	Project WET (Birch/Willow Room)
8:15 a.m. - 4:30 p.m.	Climate Change Training (King Salmon Room))

Friday, November 11

8:00 a.m. - 12:00 p.m.	Registration, 2nd floor
9:00 a.m. - 4:00 p.m.	Indoor Air Quality in Alaska (Alaska Room)
9:00 a.m. - 4:00 p.m.	7 Generations Training (Aleutian Room)
9:00 a.m. - 5:00 p.m.	Project WET (Birch/Willow Room)
8:15 a.m. - 4:30 p.m.	Climate Change Training (King Salmon Room)

General Information

Registration

On-Site registration in the 2nd floor foyer area
Monday, November 7, 8:00 a.m. - 5:00 p.m.
Tuesday, November 8, 8:00 a.m. - 5:00 p.m.
Wednesday, November 9, 8:00 a.m. - 5:00 p.m.
Thursday, November 10, 8:00 a.m. - 12:00 p.m.
Friday, November 11, 8:00 a.m. - 12:00 p.m.

Door Prizes

Various door prizes will be awarded throughout the conference. Door prize tickets will be given out with registration packets.

Exhibitors

Exhibits will be displayed throughout the conference in the foyer area 2nd floor.

Luncheon

The Environmental Awards luncheon will be held Tuesday, November 8th from 12:00 p.m - 1:30 p.m. You must present your badge to attend the awards luncheon.

Parking

Hilton Hotel Parking Garage
All-day parking permits \$5.00 per day (pick up a pass at the front desk)

On the Street Parking

Metered parking spaces are available Monday-Friday from 9:00 a.m.-6:00 p.m. Meters are free on Saturday and Sunday.

Diamond Parking Lots

Payment boxes allow payment by cash or credit card. Prices are subject to change.

6th Avenue and E Street (495 West 6th Avenue)

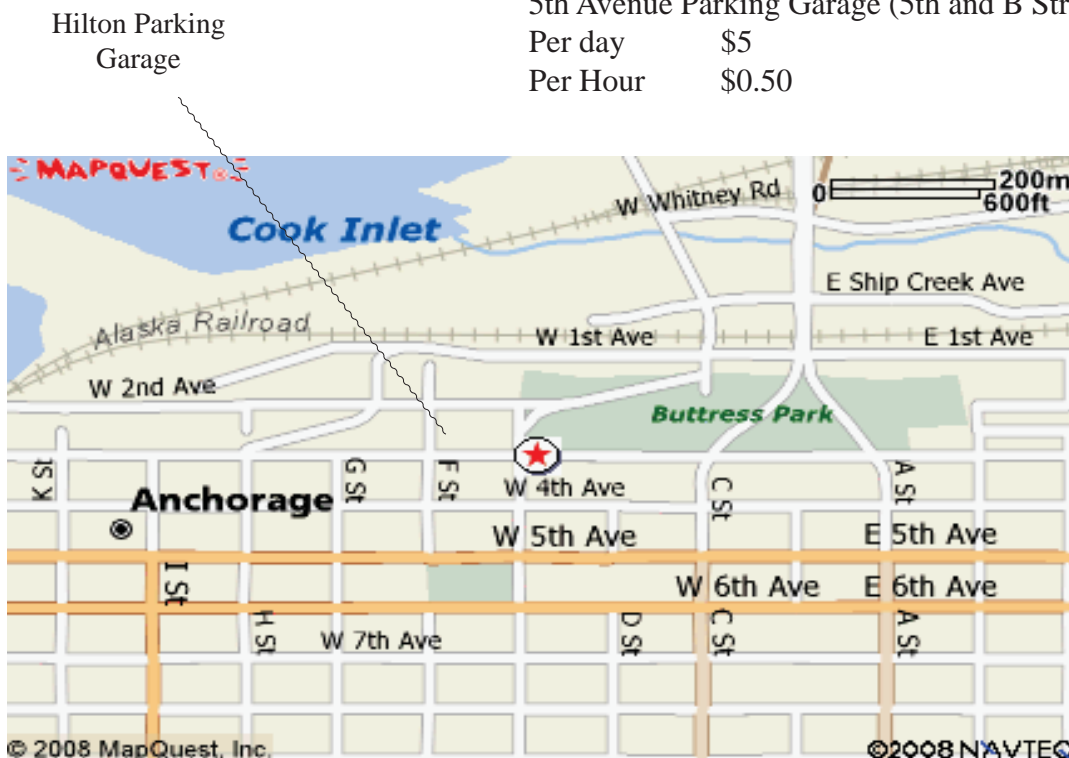
0-2 hours	\$3
2-4 hours	\$5
4-6 hours	\$8
6-10 hours	\$10

6th Avenue Parking Garage (enter on H Street)

Per day	\$5
Per Hour	\$0.75

5th Avenue Parking Garage (5th and B Street)

Per day	\$5
Per Hour	\$0.50



Raising Awareness & Promoting Solutions for Healthier Sustainable Communities

ATCEM General Schedule

Monday, November 7, 2011

8:00a.m. - 5:00p.m. **Registration, foyer area, 2nd floor**

9:00a.m. - 9:30a.m. **Opening Session/Announcements, Alaska Ballroom, 2nd floor**
Master of Ceremonies:
Kalani Parnell, Organizational Development Coordinator, ANTHC
Welcome: Eklutna Blessing, Alberta Stephan
Keynote Address: Walter Porter, Mythologist, Yakutat, Alaska

9:45a.m. - 10:45a.m. **Breakout Sessions**

Dillingham Room **Contaminants Through a Traditional Talking Circle Process** - Presented by: Larry Merculieff. This session will be a Traditional Talking Circle around the issues of Contaminants. Participants will share their feelings, perspectives, challenges, ideas from a personal and/or professional standpoint. Participants will benefit from understanding that their issues and concerns are shared by others and learn how others deal with personal and professional challenges. Moderated by: Jennifer Williams, ITEP.

Katmai Room **Resource Recovery and Landfill Alternatives** - Presented by: Ted Jacobson, RurAL CAP and Doug Huntman, ADEC. Ted Jacobson and Doug Huntman will be discussing ways that can be done to reduce the wastestream and what can be re-used, repaired and recovered at the landfill. Moderated by: Ted Jacobson.

King Salmon Room **Alaska Tribal Air Action Item Review** - Presented by: James Temte, ANTHC, Violet Yeaton, Native Village of Port Graham, Rose Kalistook, Orutsararmiut Native Council. This session will be a discussion of the Alaska Tribal Air "Action Items" developed in previous years. The action items were last discussed at the 2010 Alaska Tribal Air Conference. The session will include a short presentation of the "Action Items". Following the presentation there will be an opportunity to revisit the "Action Items" and discuss their relevance as well as discuss future "Action Items." Moderated by: Rose Kalistook.

Iliaman Room **How to Reduce Water Systems Costs Through Energy Efficiency & Renewable Energy** - Presented by: Dan Reitz, ANTHC. This session will present findings of energy audits being conducted on water systems and the associated savings which could be realized through implementation of the recommendations. This session will also present various renewable energy strategies for further reducing operation and maintenance costs. Moderated by: Desirae Roehl, ANTHC.

Aspen/Spruce Room **The Big Thaw - Consequences of Climate Change in Rural Alaska** - Presented by: Mike Brubaker, ANTHC. Climate change is having broad impacts on Alaska communities. Many of the most serious problems are related to warming temperature and the resulting thaw of permafrost. ANTHC has been performing health impact assessment since 2009 with the purpose of understanding how climate change impacts our communities, our infrastructure, and our health. This presentation provides an overview of the findings from health impact assessments in five communities with a focus on thawing permafrost and the implications for food and water security and infrastructure. Participants in this section should expect to learn about: 1. the connections between climate change and community health; 2. specific examples of climate change impacts on rural communities; and 3. possible adaptation options that will help to encourage wellness. Moderated by: Moses Tcheripanoff, ANTHC.

ATCEM General Schedule

Monday, November 7 Continued

9:45a.m. - 10:45a.m. Breakout Sessions Continued

Birch/Willow Room Impacts of Changing Climate In Alaska: Water & Health - Presented by: Raj Chavan, ANTHC, DEHE. General Climate Change Impacts; climate change impact categories; mechanisms of climate change impacts; impacts on water and sanitation infrastructure. Moderated by: Tina Tinker, Aleknagik.

11:00 a.m. -12:00 p.m. Breakout Sessions

Dillingham Room Visioning a Restored and Healthy Community and Environment - Presented by: Larry Mercurieff. The facilitator will lead participants in a collective visioning process and discussion for securing a healthy community and environment. Moderated by: Jennifer Williams, ITEP.

Katmai Room Alaska Solid Waste Workgroup Meeting - Presented by: Various entities, agencies and organizations that deal with Solid Waste Issues. The Alaska Solid Waste Workgroup is an ad hoc, open member group of all entities that provide statewide, or regional solid waste assistance. Through USDA Rural Development, Zender Environmental is able to help organize the meetings once again, compile notes, and maintain a Workgroup web- or social media page. Anyone is invited to attend this meeting to hear updates from the various attending agencies/organizations. Moderated by: Zender staff.

King Salmon Room ConocoPhillips North Slope Environmental Studies - Presented by: Robyn McGhee, Environmental Scientist, ConocoPhillips Alaska. Presentation highlighting the various environmental studies ConocoPhillips has sponsored and continues to conduct on the North Slope of Alaska. The presentation discusses study and data needs prior to exploration or development activity, and the ongoing studies required for continued operation. Discussion on ConocoPhillips' collaboration with the communities, various agencies, and commissions, along with how the data is used to responsibly develop oil and gas resources in Alaska. Moderated by: Rose Kalistook.

Iliamna Room Sustainable Design & Cold Climate Building Technology - Presented by: Molly Retting, Cold Climate Housing Research Center. The presentation will cover the mission of CCHRC and its exciting new projects happening across Alaska. It will touch on new technologies such as a green, affordable cement and an innovative foundation system, as well as new prototype buildings we are designing. These projects share the goal of lightening the energy demand and environmental impact of the Alaska way of life, while maintaining the knowledge and culture of Alaskans. Moderated by: Christina Salmon, Igiugig.

Denali Room Recycled Creations Session 1: Plastic Bag Crocheting & Magazine Art - Presented by: Oxcenia O'Domin, ANTHC, Tatiana Samuelson, Belkofski Tribal Council, and AnnDee Roehl, Agdaagux Tribe of King Cove. Let your creativity shine in this fun hands-on session where common recycled items will be turned into creative art! These projects can be used during your environmental education efforts in your home community. Participants will learn how to crochet plastic grocery bags and create jewelry and other items out of old magazines. This is the first of 3 recycled art sessions that will be available this year. Moderated by: Oxcenia O'Domin, ANTHC.

ATCEM General Schedule

Monday, November 7 Continued

11:00 a.m. -12:00 p.m. Breakout Sessions

Birch/Willow Room Environmental Health & Justice Issues in Alaska - Presented by: Samantha Englishoe and Heidi Zimmer, ACAT. Alaska Community Action on Toxics will discuss research and advocacy efforts to address environmental health and justice issues in Alaska associated with military contamination, mining operations, long-range transport of persistent pollutants into the north, and harmful chemicals in everyday consumer products such as cosmetics, plastics, toys, and furniture. The panel will present resources and information on the effects of environmental contamination on human health and discuss possible preventative measures to lesson exposures. Moderated by: MaryAnn Porter, Yakutat.

12:00 p.m. - 1:30 p.m. Lunch on your own

1:30 p.m. - 2:30 p.m. Breakout Sessions

Dillingham Room Introduction to Environmental Sources of Contamination - Presented by: Desirae Roehl and Oxcenia O'Domin, Healthy Village Environment, ANTHC. During this interactive session, participants will learn about what contaminants are and how to identify real and potential risks in their own communities. If you're a new environmental worker, preparing to develop a community environmental plan, wondering what to include in your upcoming IGAP grant applications, or just need a refresher, you won't want to miss out on this exciting session. Moderated by: Jennifer Williams, ITEP.

Katmai Room Rural Greenhouse Trials & Tribulations - Presented by: Stacy Hill and Christina Salmon, Igiugig Village Council. Participants will learn how Igiugig started their greenhouse, the costs associated with having one, and a full blown spread of fruits and vegetables. They will also discuss the trials and errors with a greenhouse. Moderated by: Christina Salmon.

King Salmon Room Baseline Air Quality Studies for the Pebble Project - Presented by: Charlotte MacCay, Manager, Permitting for the Pebble Project. Meteorological and air quality data are an important component of baseline studies for mining projects. These data are necessary for characterizing the environment for impact analyses, mine design, permitting, and to set future monitoring requirements. This presentation will address what and how parameters are monitored and how that data is used to ensure air emissions from projects are managed adequately to protect human health. Moderated by: James Temte, ANTHC and Rose Kalistook, ONC.

Iliamna Room Affordable Sanitation - Current ANTHC Energy Projects - Presented by: Chris Mercer, ANTHC. This session will be a brief introduction to current ANTHC Energy Program Projects. ANTHC will demonstrate how available resources can be combined to provide sustainable sanitation to remote Alaskan communities. This session will discuss Waste Heat Recovery, Wind, Biomass, Air-Source Heat Pumps and Excess Wind. Moderated by: Desirae Roehl, ANTHC.

Aspen/Spruce Room Climate Change Activities in IGAP Workplans & Environmental Programs - Presented by: Michelle Davis, Tribal Coordinator, US EPA. A brief overview of how to include climate change activities into a Tribes Indian General Assistance Program workplan. It will cover allowable activities and discuss the planning steps to respond to a changing climate. Examples of model responses that Tribes and other organizations have used to respond to immediate impacts will be shared. Moderated by: Victoria Hykes Steer, APU.

ATCEM General Schedule

Monday, November 7 Continued

1:30 p.m. - 2:30 p.m. Breakout Sessions

Birch/Willow Room Tribal Involvement in Agency Decision Making - Presented by: Tami Fordham, US EPA. This session will include discussion of various ways that tribal governments and communities can be involved in Agency decision making. Additionally, an update will be provided on EPA's actions that are related to resource extraction projects in the State of Alaska. Lastly, EPA would like to hear from tribal governments about technical assistance needs as it relates to environmental review and permitting of Alaska Resource Extraction projects. Moderated by: EPA staff.

2:45 p.m. - 3:45 p.m. Breakout Sessions

Dillingham Room Understanding Contaminant Impacts in Your Community Using Exposure Pathway Analysis - Presented by: Joe Sarcone, Agency for Toxic Substances and Disease Registry. The session introduces participants to how people come in contact with contaminants in their environment using exposure pathways. The parts of an exposure pathway: source, media, point of exposure, route of exposure and exposed population will be described. Participants and the presenter will identify examples of the exposure pathways for contaminants that come from an open dump site and an oil spill in a village. Participants in this session will understand the concept of exposure pathways, how understanding exposure pathways can be useful, and how applying exposure pathways can reduce or eliminate contact with contaminants in our environment. Moderated by: Jennifer Williams, ITEP

Katmai Room Regional & Local Backhauling Part 1 - Presented by: Anahma Shannon, Kawerak Consortia and also various Tribal entities from the Bering Straits region, Steve Street, and Don Wedll, Association of Village Council Presidents (AVCP). The Kawerak Consortia has been working together to create a regional system to backhaul and recycle hazardous waste. They have backhauled by air cargo and barge. During this session they will talk about the vendors and transportation companies that they've used. Also, AVCP is developing a program to assist villages in their region on ways to backhaul waste from the villages. AVCP backhaul is in its initial development phase to assist in backhauling during the 2012 fiscal year. Moderated by: Anahma Shannon, Kawerak, Inc.

King Salmon Room EPA Permitting Process - Large Industrial Sources - Presented by: Cathy Villa, US EPA. Participant will learn the process and how they and the community and how to provide valuable information from a local view. Moderated by: James Temte, ANTHC.

Iliamna Room Alternative Energy in Alaska - Sustainability for the Future - Presented by: Bryan Carey, Alaska Energy Authority and Nathan Hill, Kokhanok Village Council. Participants will learn about two alternative energy projects in Alaska. Bryan Carey, Project Manager for the Alaska Energy Authority will be presenting on the proposed Susitna-Watana Hydroelectric Project which would have a substantial impact on the future of energy in Alaska. Nathan Hill, Kokhanok Village Administrator will also be presenting on the villages wind turbines. Moderated by: Christina Salmon, Igiugig.

ATCEM General Schedule

Monday, November 7 Continued

2:45 p.m. - 3:45 p.m. Breakout Sessions Continued

Aspen/Spruce Room ITEP's Climate Change Trainings & Resources for Tribes - Presented by: Sue Wotkyns, Climate Change Program Manager, Institute for Tribal Environmental Professionals (ITEP). ITEP provides training and educational resources to Tribes throughout the US to help them with the management of their environmental resources. The presenter will provide information about ITEP's climate change trainings, climate change webinars, and resources that ITEP has developed such as The Tribes & Climate Change website, newsletter, and Tribal Climate Change Adaptation Plan Template. Moderated by: Bill Hand, CRNA.

Birch/Willow Room Water Quality Workshop for Everyone - Presented by: Edda Mutter, University of Alaska Fairbanks, Water & Environment Research Center. The water quality training allows participants to learn or extend their knowledge in water quality testing. The emphasis of this workshop focuses on the usage of basic instruments and simple-step methods to measure physical, chemical and biological parameters of water. An important point of this workshop will be the interpretation of water testing results and how to correlate them back to water quality. No knowledge or skills in water quality testing is required. Moderated by: Jay Adams, Native Village of White Mountain.

4:00 p.m. - 4:45 p.m. Breakout Sessions

Dillingham Room Education & Outreach Activities Specific to Identifying Sources of Contamination - Presented by: Jennifer Williams, Institute for Tribal Environmental Professionals. During this session, attendees will participate in hands-on education and outreach activities that can be used in schools and community events to increase awareness of different sources of contamination. The activities will also provide an opportunity for attendees to investigate the connection between contamination sources and human health. Moderated by: Desirae Roehl, ANTHC.

Katmai Room Regional & Local Backhauling Part 2 - Presented by: AnnDee Roehl and LeAnna Bear, Agdaagux Tribe of King Cove and John Whissel, Native Village of Eyak. King Cove will discuss their scrap metal backhaul efforts. Native Village of Eyak developed a coastal backhaul with Yakutat Tlingit Tribe. John Whissel will discuss how the program was developed and the types of materials backhauled and where the materials ended up. Hear about the lessons learned and the pitfalls to be avoided. Moderated by: Anahma Shannon, Kawerak, Inc.

King Salmon Room AmeriCorps RAVEN Program: Putting Muscle Into Your Environmental Projects - Presented by: Charlie Ess, Rural CAP. Attendees in this session will become familiar with the application process and how to become viable competitors for 20 slots that will be open for next year. Rural CAP's RAVEN AmeriCorps program is often a perfect fit for environmental work under IGAP grants. We offer solid waste management skills to the incoming members and offer extensive site support for host agencies. Popular projects include environmental education, aluminum can collection and backhaul, e-waste collection and backhaul and a myriad of other environmental activities. Moderated by: Joey Billy, KRWC.

Iliamna Room Energy Projects Funding - Presented by: Mike Black, Director of Program Development, ANTHC. This session will examine the availability of funding opportunities for energy efficiency and renewable energy projects with an emphasis on sanitation system improvements. This session will discuss funding currently used in ANTHC Division of Environmental Health & Engineering's efforts to make water and sewer services more affordable. Moderated by: Karen Pletnikoff, APIA.

ATCEM General Schedule

Monday, November 7 Continued

4:00 p.m. - 4:45 p.m. Breakout Sessions

Birch/Willow Room Water Quality Standards in Alaska with Overview Topics of Interest -
Presented by: Carl Reese, ADEC. The session will include a brief overview of the laws protecting the waters of Alaska from pollution, Clean Water Act concepts, a brief overview of several topic of interest such as antidegradation (what it is), fish consumption and human health, mixing zones (how they work), and natural conditions and site specific criteria. history of water quality protection in Alaska. In addition, the session will include time for questions and answers. Moderated by: Oxcenia O'Domin, ANTHC.

Tuesday, November 8, 2011

8:00 a.m. - 5:00 p.m. Registration Executive Foyer

9:00 a.m. - 9:30 p.m. General Session/Announcements, Alaska Ballroom
Master of Ceremonies: Kalani Parnell, ANTHC
Opening Keynote Speaker: Steven Street, AVCP, Director of the Department of Cultural and Environmental Sciences

9:45 a.m. - 10:45 a.m. Breakout Sessions

Dillingham Room Home Heating Oil Tank Spill Prevention & Spill Response - Presented by: John Brown, ADEC. This session will be on home heating oil tank spill prevention, spill notification procedures, initial response actions, and financial responsibility. Moderated by: Jennifer Williams, ITEP.

Katmai Room Health Effects of Burning, You Burn it, You Breathe it - Presented by: Jed Jacobson, RurAL CAP and Lynn Zender, Zender Environmental Health & Research Group. This session will discuss the human and health effects of burning waste. The presenters will also be discussing best management practices of reducing waste through burning. Moderated by: Ted Jacobson and Lynn Zender.

King Salmon Room Identifying & Assessing Sources of Air Pollution & Emission Inventories for Rural Alaska - Presented by: Nancy Helm, US EPA and Cindy Williams, ADEC. This session will provide a brief overview of techniques and tools for identifying and assessing sources of air pollution in Alaska tribal communities. Participants will learn when and why assessments are needed, and where to find additional information on the tools presented. Moderated by: James Temte, ANTHC.

Iliamna Room Nelson Island Consortium Success Story - Presented by: Deanna Kilanak, Nelson Island Consortium. This session will describe how NIC received the Tribal Wildlife grant for Newtok and also success stories of the Nelson Island Consortium. Moderated by: Tina Tinker, Aleknagik.

Raising Awareness & Promoting Solutions for Healthier Sustainable Communities

ATCEM General Schedule

Tuesday, November 8, Continued

9:45 a.m. - 10:45 a.m. Breakout Sessions

Aspen/Spruce Room Landscape Conservation Cooperatives in Alaska - Status Update - Presented by: Douglas Burn, Aleutian & Bering Sea Islands Landscape Conservation Cooperative, and Karen Murphy, Western Alaska LLC. We will provide participants with information about the new initiative to establish Landscape Conservation Cooperatives (LCCs) and their status of development in Alaska. We will also identify opportunities for Tribes to participate within the LCCs and have a discussion with participants about these opportunities and how LCCs may be beneficial to local communities. The presenters will discuss the status of all 5 of the LCCs within Alaska. Moderated by: Jackie Kramer, EPA.

Birch/Willow Room White Mountain Watershed Testing - Presented by: Jay Adams, Environmental Coordinator and Henry Titus, Assistant Coordinator, Native Village of White Mountain. Participants will see what White Mountain monitors in the water quality program and why they started the water quality program. Participants can call the IGAP Program if they need help starting their own water quality program for their Tribe. Outcomes will be more knowledge on water quality for environmental programs and what the objectives are. Moderated by: Oxcenia O'Domin, ANTHC.

11:00 a.m. - 12:00 p.m. Breakout Sessions

Dillingham Room Emergency Preparedness for Tribal Communities - Presented by: Mike Bradley, ANTHC and George Coyle, Alaska Division of Homeland Security and Emergency Management. Alaska has more potential catastrophic hazards than any other area of the world. These include earthquakes, tsunamis, volcanic eruptions, floods, severe storms, wildland fires, avalanches and transportation accidents. These can devastate communities and regions. We cannot prevent natural disasters. We can prepare for them. Communities that have prepared to deal with these disasters when they occur can decrease the impacts of these events on the local population. Preparation and effective response will reduce your community's recovery time. Participants will learn how Alaska agencies and organizations respond to and assist communities and regions hit with a disaster or emergency. Participants will also learn how communities can develop emergency plans and become better prepared to manage disasters. Moderated by: Jennifer Williams, ITEP.

Katmai Room Bobcats to Balers, Equipment for a Solid Waste Program - Presented by: Ted Jacobson, RurAL CAP and Doug Huntman, ADEC. Participants will learn the different types of equipment for large, medium and small rural villages. Ted and Doug will also discuss landfill covering, collection, backhauling, and the different types of landfill equipment. Moderated by: Ted Jacobson.

King Salmon Room ADEC Special Monitoring Projects - Presented by: Barbara Trost, Program Manager, ADEC, Statewide Air Monitoring Program. ADEC will present the various monitoring projects they have in the state, specifically discuss the smoke monitoring in Galena and Ft Yukon, and the road dust monitoring in the North West Arctic Borough. Moderated by: Tina Tinker, Aleknagik.

ATCEM General Schedule

Tuesday, November 8 Continued

11:00 a.m. - 12:00 p.m. Breakout Sessions

Iliamna Room Energy Wise - An Energy Efficiency & Conservation Program for Rural Alaskan Homes - Presented by: Ellen Kazary, Community Development Manager, RurAL CAP. An overview of RurAL CAP's Energy Wise program. Energy Wise provides energy efficiency and conservation training and resources to rural Alaskan households. Overview on energy saving tips, supplies, and information for participants and discuss effective education practices and community engagement techniques. Participants will have the opportunity to ask questions and discuss how their community or region could collaborate with RurAL CAP to provide similar resources. Moderated by: Tina Tinker, Aleknagik.

Aspen/Spruce Room Climate Change Strategies - Presented by: Moses Tcheripanoff, Environmental Data Analyst, ANTHC and Dr. Robert Winfree, Alaska Regional Science Advisor, National Park Service. The National Park Services Alaska Region's five-year climate change response strategy (2010-2014) , establishes the context for climate change planning in the Alaska Region and identifies a suite of goals, objectives, and recommended actions. This presentation provides a brief outline of changes that we are already seeing in and around the National Parks in Alaska, actions that the NPS is taking relative to climate change science, adaptation, mitigation and communication. Moderated by: Moses Tcheripanoff, ANTHC.

Birch/Willow Room Seldovia Village Tribes Water Quality Exchange Spatial Viewer- Presented by: Tracie Merrill, Environmental Assistant and Michael Opheim, Environmental Coordinator, Seldovia Village Tribes. This session provides an overview of the process for performing a climate change health impact assessment, and the findings from work performed in the Northwest Arctic from 2008 to 2011. Observations from residents in Point Hope, Kivalina and Noatak will be included as well as climate science data about changes in temperature, precipitation, permafrost and other measures of climate change. Moderated by: Violet Yeaton.

12:00 p.m. - 1:30 p.m. Environmental Awards Luncheon, Alaska Ballroom
Master of Ceremonies: Kalani Parnell, ANTHC
Keynote Speaker: Larry Mercurieff, Anchorage

1:45 p.m. - 2:45 p.m. Breakout Sessions

Dillingham Room From Brown to Green: Community Gardens, Greenhouses, and Food Security in Rural Alaska - Presented by: Jeffrey Smeenk, UAF Cooperative Extension Service and Bruce Wright, APIA An overview of necessary organizational requirements will be provided, as well as information on how to evaluate your site for potential environmental (brownfield) concerns, and how to proceed depending on the results of this evaluation. Participants will learn the skills to identify resources available for developing a community garden in Alaska. Controlled-environment gardens, or greenhouses, can offer a level of food security in rural communities. This presentation will discuss models for greenhouse use in rural Alaska with an emphasis on a sustainable operation and will present a brief overview of an economics model. The Nikolski geodesic greenhouse operation will be discussed and the use of community gardens even in places that have marginal growing conditions. Be the first to hear about our idea of asking Governor Parnell to become the food security governor and to establish an Alaska Food Security - Greenhouse - Community Gardens Fund, similar to the Renewable Energy Fund, to support this effort throughout rural Alaska and into the future. Moderated by: Sonja Benson, ADEC.

ATCEM General Schedule

Tuesday, November 8 Continued

1:45 p.m. - 2:45 p.m. Breakout Sessions

Katmai Room Spotlight on ADEC Landfill Inspections - Presented by: Christina Salmon, Environmental Program Director, Igiugig Village Council. This session will cover the new ADEC's process of landfill inspections, from the beginning to the end. Moderated by: Ted Jacobson, RurAL CAP.

Iliamna Room Alaska Tribal Community Renewable Energy 101 - Presented by: Brian Hirsch, National Renewable Energy Laboratory. An overview of renewable energy technologies, as well as the planning and development process that is necessary for successful community-scale projects. Basic energy terminology to measure and evaluate the size, cost, and impact of a proposed project. Also, will discuss the National Renewable Energy Laboratory's and the US Department of Energy's Tribal Energy Program activities in Alaska. Moderated by: Oxcenia O'Domin, ANTHC.

King Salmon Room Tribal Air Quality Monitoring Case Studies in Alaska - Presented by : Tina Tinker, Aleknagik Traditional Council, and Rose Kalistook, Orutsaramiut Native Council. The Aleknagaik Traditional Council conducted indoor air quality monitoring using the Dust Trak and Q-Trak to monitor air quality in residents homes. The Orutsaramiut Native Council monitored for outdoor/ambient particulate matter pollution. The ATC and ONC will discuss the results, outcomes and offer tips to Tribe's interested in air quality monitoring. Moderated by: James Temte, ANTHC.

Aspen/Spruce Room Contaminants & Wildlife Diseases: Emerging Threats to Food & Water Security in Rural Alaska - Presented by: Dr. James Berner, ANTHC. Participants will learn the climate changes that have taken place over the last 50 years in Alaska, and the major impacts on permafrost, vegetation, water supplies, and subsistence species. Specific emerging threats to water safety, food safety, will be described. Strategies for monitoring threats at the village level, and strategies for reducing exposure to contaminants, and reducing exposure to emerging threats from wildlife diseases that can be transmitted to human hunters and consumers. Moderated by: Moses Tcheripanoff, ANTHC.

Birch/Willow Room Demonstrations in Tribal Environmental Projects - Presented by: Erin Smith, Native Village of Gakona, Brenda Sims, Native Village of Holy Cross, Steven Andy, Newtok Traditional Council, Bobbi Barnowski, Old Harbor. Learn about five Community Environmental Demonstration Projects that have been completed this year and aslo upcoming funding for projects in 2012. Presentation's will include Newtok's honey-bucket collection service, Gakona's water conservation and composting garden efforts, Holy Cross' burn-unit waste management efforts, and Old Harbor's backhaul and landfill clean-up project. Information will be available on Napaimute's alternative energy efforts and Angoon's mold survey efforts. Participants will learn about the resources utilized, project benefits, and lesson's learned. Moderated by: Desirae Roehl, ANTHC.

3:00 p.m. - 4:30 p.m. Breakout Sessions

Dillingham Room Addressing the Brownfields & Environmental Training Needs in your Community - Presented by: Lynn Zender and Autumn Bryson, Zender Environmental Health. Alaska organizations will discuss their programs that offer training and technical assistance and their newly funded job training program. If your community or region has a project coming up where workers need courses as HAZWOPER, confined space entry, weatherization, Asbestos Inspection and Abatement, spill response, Freon removal, etc., you'll learn how to help community members to apply. Next, service providers that provide Brownfields technical assistance to rural communities in Alaska will present an overview of their programs. Moderated by: Jennifer Williams.

ATCEM General Schedule

Tuesday, November 8 Continued

3:00 p.m. - 4:30 p.m. Breakout Sessions

Katmai Room Solid Waste Question & Answer Session, What Problems are you Facing?-
Presented and moderated by: Ted Jacobson, RurAL CAP and Doug Huntman, ADEC. Do you have questions regarding solid waste management? Need technical assistance with solid waste? Come to this session to get answers from the Solid Waste technicians. Moderated by: Ted Jacobson.

King Salmon Room Introduction to QAPP's - Presented by: Chris Fish, Environmental Health Consultant, ANTHC. The presentation will demonstrate the value of QA/QC data and the importance of creating good QAPPs. Participants will be introduced to concepts of Quality Assurance & Quality Control as it applies to data collection for EPA funded projects. Upon completion of the session, participants will understand the basics of QA/QC, QAPP, SOPs and when QAPPs are necessary. Moderated by: James Temte, ANTHC.

Iliamna Room Paralytic Shellfish Poisoning (PSP) & Subsistence Foods - Presented by: AnnDee Roehl, IGAP Coordinator, Agdaadux Tribe of King Cove, and Ray Ralonde, Alaska Aquaculture Specialist, and Tiffany Jackson, Qagan Tayaguugin Tribe of Sand Point. This session will focus on the community-based PSP testing program sponsored by EPA and based in the Aleutian Islands. Results from several years of data collection will be presented and a case for continuing similar programs in coastal communities throughout Alaska to protect health and promote a healthy diet that includes locally harvested clams and other bivalves. Moderated by: Bruce Wright, APIA.

Aspen/Spruce Room 2013 National Climate Assessment - Alaska Technical Report - Presented by: Carl Markon, Deputy Regional Director, U.S. Geological Survey. The U.S. Global Change Research Program is in the process of producing the 2013 National Climate Assessment (NCA). Alaska has been identified as one several Regional Assessments to be included in the 2013 NCA (due June 2013) with USGS to lead the production of the Alaska Region Technical Assessment Report (due March 2012). The previous such document was completed in 1999. The purpose of this presentation is to provide a brief background on the National Climate Assessment, the current sections of the 2013 Alaska Technical Assessment Report that are currently being worked on, and to inform participants of the process to submit observations of changes in Alaska that have taken place over the last 10-20 years. The 2013 National Climate Assessment will be delivered to Congress and seeks to inform and support decision-making. . Moderated by: Moses Tcheripanoff, ANTHC.

Denali Room Recycled Creations Session 2 - Capri Sun Pouch and Soda Can Tab Purses - Presented by: Desirae Roehl, Tribal Environmental Program Manager, ANTHC, Leanna Bear, Environmental Assistant, Agdaagux Tribal Council, and MaryAnn Porter, Environmental Coordinator, Yakutat Tlingit Tribe. Let your creativity shine in this fun hands-on session where common recycled items will be turned into creative art! These projects can be used during your environmental education efforts in your home community. Participants will learn how to create purses out of capri sun pouches and soda tabs. This is the second of 3 recycled art sessions that will be available this year. Moderated by: Desirae Roehl, ANTHC.

ATCEM General Schedule

Wednesday, November 9, 2011

8:00 a.m. - 5:00 p.m. **Registration Executive Foyer**

9:00 a.m. - 9:30 p.m. **General Session/Announcements, Alaska Ballroom**
Master of Ceremonies: Kalani Parnell, ANTHC
Keynote Speaker: Andrew Morris and Ben Agimuk, Youth Environmental Stewards, Chevak Kashunamiut School District

9:45 a.m. - 10:45 a.m. **Breakout Sessions**

Dillingham Room **Brownfields 101: Overview of Federal & State Brownfields Programs -**
Presented by: Sonja Benson, ADEC, and Mary Goolie, US EPA. The session will begin with Mary Goolie of EPA, introducing EPA Alaska, Regional, and Headquarters Brownfields Programs. Topics covered include brownfield background and history, brownfield grant programs, including the competitive assessment, revolving loan fund, and cleanup grants and State & Tribal Response Programs, and Targeted Brownfield Assessment. Sonja Benson will give an overview of DEC's Reuse and Redevelopment Program, which is housed with in DEC's Contaminated Sites Program, and some of its key focus areas, including the assistance available to Alaska urban and rural communities. A summary of some of DEC's brownfield assessment and cleanup projects will be provided as time permits. services. Moderated by: Jennifer Williams, ITEP.

Katmai Room **Developing a User Fee System to Support your Waste Management Program**
- Presented by: Jessica Sayers, HDR, Incorporated and Lynn Zender, Zender Environmental Health & Research Group. Trying to fund better solid waste? This session will be in 2 related parts. First, Jessica will take the class through how to calculate the annual costs of their planned waste program. Then, Lynn will take the class through a practice exercise on how to develop a user fee structure using those costs. She will also describe different forms of billing and different ways that villages collect fees. You will come out of this session with knowledge on how to start a user fee program. You'll have the basic tools you'll need to bring to Council and your community for input and approval. This session will be heavily interactive. Moderated by: Lynn Zender.

King Salmon Room **Air Quality Monitoring in Alaska's National Parks -** Presented by: Paul Burger, National Park Service. The National Park Service supports four inventory and monitoring networks covering broad ecoregions in Alaska and provides support to individual study projects related to air quality. This talk will provide a summary of past studies and an overview of the long-term air quality monitoring being conducted throughout the National Park units in Alaska. Moderated by: James Temte, ANTHC

Iliamna Room **Alaska Building Science Network Village Energy Efficiency Program -**
Presented by: Scott Anaya, Executive Director, Alaska Building Science Network (ABSN). Since 2005, ABSN has completed energy efficiency measures in hundreds of community buildings in 51 villages across Alaska. Measures lead by ABSN and conducted in partnership with village entities and local labor have saved hundreds of thousands of dollars in avoided diesel and heating fuel costs. ABSN is currently conducting these measures in 48 more communities across Alaska in partnership with the Alaska Energy Authority and Bristol Bay Native Association. This presentation will take a look at the methodology ABSN uses to conduct lighting upgrades and weatherization energy efficiency measures and illustrate actual energy savings. Moderated by: Bill Hand, CRNA.

ATCEM General Schedule

Wednesday, November 9 Continued

9:45 a.m. - 10:45 a.m. Breakout Sessions

Aspen/Spruce Room Amchitka Update and Basics of Radiation - Presented by: Karen Pletnikoff and Michael McCoy, APIA. Participants will learn about the basics of radiation, Amchitka history, current issues, and the future of Amchitka efforts. Outcomes will be knowledge about radiation risks and sources in Alaska. The format will be presentation and question and answer. Moderated by: Karen Pletnikoff, APIA.

Birch/Willow Room The Future of Alaska's Antidegradation Policy - presented by: Guy Archibald, Southeast Alaska Conservation Council. This session is an overview of the connection between availability of clean water and healthy communities in Alaska. A summary of the State of Alaska's current method of allowing degradation of water quality in order to accommodate development on a river, stream, or lake. Examples from other states and Tribes that have addressed these issues through their antidegradation policies. The difference between western definitions of watershed protection and Tribal watershed values. Moderated by: Oxcenia O'Domin, ANTHC.

11:00 a.m. - 12:00 p.m. Breakout Sessions Continued

Dillingham Room Overview of Contaminated Sites Cleanup Process & Red Devil Mine Case Study - Presented by: Melinda Brunner and Anne Marie Palmieri, ADEC. ADEC will provide a brief introduction to how the contaminated site cleanup process works, and explain how the process has been applied at the Red Devil Mine. The audience will have an opportunity to ask questions about the cleanup process in general, and Red Devil Mine. The Red Devil Mine is a high-profile cleanup of an abandoned mine located on the Kuskokwim River. Attendees can expect to leave the session with a good grasp on how the cleanup process might be applied to sites within their own communities. Moderated by: Joe Sarcone, ATSDR.

Katmai Room Identifying Household Hazardous Waste - Presented by: Teri Berger, Environmental Technician for the Mat-Su Borough Central Landfill, and Roxanne Peterson, Manager of the Household Waste Facility in Anchorage, Emerald Alaska. In this session, participants will learn how to identify household hazardous waste, re-use it, and consolidate and ship it out from their communities. Moderated by: Lynn Zender.

King Salmon Room National Tribal Air Association: An Update on Activities & Air Policy for Tribal Programs - Presented by: Jen Youngblood, Tribal Policy & Program Specialist, National Tribal Air Association. This session is designed to give Tribes a picture of National Tribal Air Association (NTAA) program offerings and the function of the Executive Committee and the Regional Tribal Representatives. There will also be a discussion as to what Tribes can expect for services when contacting NTAA for assistance. Moderated by: Sue Flensburg & Rose Kalistook.

Aspen/Spruce Room Identifying, Assessing & Adapting to the Impacts of Climate Change - Presented by: Sally Russell Cox, Alaska Division of Community & Regional Affairs. This session will provide examples from the 12 communities who have received ACCIMP funding for Hazard Impact Assessments and Community Adaptation Planning Grants. Community projects for assessing and adapting to climate change will be covered. There will also be a discussion on ways in which tribes can integrate similar efforts with other programs to broaden the benefits to the community. Moderated by: Moses Tcheripanoff, ANTHC.

ATCEM General Schedule

Wednesday, November 9 Continued

11:00 a.m. - 12:00 p.m. **Breakout Sessions Continued**

Birch/Willow Room **Alaska Wastewater Discharge Permitting & Tribal Communication** - Presented by: Miriah Twitchell, Tribal Liaison, and Katharine Heumann, Program Coordinator, ADEC. This session will introduce the Department of Environmental Conservation Alaska Pollutant Discharge Elimination System (APDES) program, the program Tribal Liaison, and a new 'Information for Tribes' website. The session will also inform tribes about the wastewater discharge permit issuance process and how to effectively participate in it, and discuss the DEC and Yukon-Koyukuk Tribal Communication Protocol, developed in partnership with YK tribes of Alaska to facilitate communication regarding APDES wastewater permits. Moderated by: Theresa Svancara.

Denali Room **Recycled Creations Session 3 - Plastic Bottle Art & More** - Presented by: AnnDee Roehl, Environmental Coordinator, Agdaagux Tribe of King Cove, Robert Wassillie, Environmental Assistant, Clark's Point Tribal Council, and Christina Salmon, Environmental Director, Iguigig Tribal Council. Let your creativity shine in this fun hands-on session where common recycled items will be turned into creative art! These projects can be used during your environmental education efforts in your home community. Participants will learn how to create plastic bottle art and soda can windmill spinners. This is the final recycled art sessions that will be available this year. Moderated by: Oxcenia O'Domin, ANTHC.

12:00 p.m. - 1:30 p.m. **Lunch on your own**

1:30 p.m. - 2:30 p.m. **Breakout Sessions**

Dillingham Room **Brownfields Tribal Reponse Program Case Studies** - Presented by: Arla Johnson, Bristol Bay Native Association, Bill Hand, Copper River Native Association, Joey Billy, Kuskokwim River Watershed Council, Ivy Patton, Native Village of Eyak, Sonja Benson, ADEC, and Mary Goolie, US EPA. In this session participants will hear first-hand how villages in Alaska are implementing Brownfields State & Tribal Response Program grants by identifying sites for reuse and revitalization and building tribal capacity by training community members and conducting drills for responding to spills. Participants will learn how these grantees have developed partnerships with nearby communities and other organizations such as the Alaska Department of Environmental Conservation. Questions for the presenters will be held until the session following this one. Moderated by: Jennifer Williams, ITEP.

Katmai Room **Introduction to Environmental Justice on Solid Waste in Rural Alaska EPA Grant Award** - Presented by: Jacqueline Shirley and Lynn Zender, Zender Environmental Health & Research Group. What is Environmental Justice and how might it relate to Solid Waste Management in rural Alaska villages? A funded project this year will identify concerns and needs from Alaska Tribes, and then summarize them into a working framework for attaining true EJ for rural Alaska waste management issues (e.g. open dump sites). We'll be distributing the report and framework to federal and state agencies and the State legislature. This session introduces the concept of Environmental Justice (EJ), in an interactive format, describes the project, and asks for feedback and discussion from you, the audience, on what tools you would like to see us develop for the planned EJ summit later next year. If this topic interests you – consider signing up for our Taskforce committee at the end of the session! Moderated by: Lynn Zender.

ATCEM General Schedule

Wednesday, November 9 Continued

1:30 p.m. - 2:30 p.m. Breakout Sessions

King Salmon Room Assessment of Ecological Risk to Wild Salmon Associated with Large-Scale Mining in the Headwaters of Bristol Bay - Presented by: Tim Troll, Southwest Alaska Program Director, Nature Conservancy. Ecological risk assessment (ERA) has become an essential tool for evaluating impacts to biological receptors associated with wide range of human activities. The ERA methodology was applied to develop a framework for analyzing potential risks to salmon that may result from large-scale mining and associated facilities in the Nushagak/Kvichak headwaters. This framework includes consideration of key ecological functions that support all freshwater life-stages of salmon (i.e. in-migration, spawning, incubation, rearing, out-migration). Potential risks included physical stressors such as effects from fugitive dust during construction and mining activities, and chemical stressors including those from fugitive dust. While it is not possible to predict future conditions with certainty, this conceptual framework provides a systematic approach to evaluate the potential scope and severity of a range of risk factors, as well as potential effects on ecological systems that support salmon. Participants during this session will learn about a tool (ERA) as a means of informing decision-making and risk management and its connection to the Nushagak River Watershed Traditional Use Area Conservation Plan adopted by the Nushagak Mulchatna Watershed Council. Moderated by: Sue Flensburg.

Iliamna Room Innovative Sustainable Approach to Energy & Waste Using Alaska Specific Resources - Presented by: Dr. J. Andres Soria, Assistant Professor for UAA & UAF. Rural communities lack the infrastructure and demands of urban areas with regards to energy and resource availability, often finding themselves constrained by them. Research in gasification processes using Alaska specific waste streams can show an innovative way for rural communities to play a significant role in making them sustainable, and in the process, reduce their environmental and economic impact through the use of locally available biomass. This session focuses on experimental research that created a methodology and process to gasify a unique waste stream composed of salmon fishery wastes and small diameter alder. The work highlights the possibility of having a low-cost practical approach to waste disposal and energy generation that could be locally sustainable and support existing infrastructure and heating needs. Moderated by: Karen Pletnikoff, APIA.

Birch/Willow Room Yukon River & Beyond: Building a Network to Address Local & Global Climate Concerns - Presented by: Ryan Toohey, Carol Thomas, Leah Mackey, Yukon River Inter-Tribal Watershed Council (YRITWC). Participants will learn about the YRITWC, the Science Department, and our current projects' expected goals. They will learn some skills on water quality and active layer measurement sampling techniques and procedures. Moderated by: Christina Salmon, Igiugig.

2:45 p.m. - 3:45 p.m. Breakout Sessions

Dillingham Room Brownfields Tribal Response Program Grantees Question & Answer Panel - Presented by various representatives from rural Alaska and State and Federal organizations. A panel of Brownfields Tribal Response Program Grantees will be available to ATCEM participants that have questions for them about how they started, what projects they are working on, and the challenges/successes that they have encountered along the way. Each of the panelists will have provided an overview of their program during the 1:30-2:30 session time immediately preceding this one. Moderated by: Jennifer Williams, ITEP.

ATCEM General Schedule

Wednesday, November 9 Continued

2:45 p.m. - 3:45 p.m. Breakout Sessions

Katmai Room Tracking the Progress of Backhaul Efforts and Looking Forward to Future Successes - Presented by: Larry Zirkle and Reilly Kosinski, Total Reclaim. The presentation will touch on how backhaul/recycling efforts have increased throughout the past 5 years via communities working together, partnerships with non-profits and other organizations, and folks educating community members. There will be statewide recycling/backhaul statistics gathered by Total Reclaim to supplement this section. Moderated by: Anahma Shannon.

Iliamna Room Energy Issues in Alaska - Exploring & Implementing Solutions that Work - Presented by: Bruce Wright, APIA, and Mark Leary, Native Village of Napaimute. Participants will learn about efforts to promote and implement energy conservation and the use of renewable energy in Alaska. Bruce Wright will discuss a regional approach to renewable energy use in their region. Mark Leary will also discuss their wind and solar renewable energy efforts through the ANTHC Community Environmental Demonstration Grant Program and EPA Alaska Tribal Multi-Media Program. Moderated by: Desirae Roehl, ANTHC.

Aspen/Spruce Room Scenarios, Planning & Climate Information & Support Services at UAF - Presented by: Phillip Loring, Alaska Center for Climate Assessment & Policy, UAF. What is the Scenarios Network for Alaska Planning (SNAP)? What is the Alaska Center for Climate Assessment & Policy (ACCAP)? Lena Krutikov and Phil Loring will give an overview of the two particular organizations at UAF. Participants will become more familiar with the datasets, tools, and information products and services that SNAP and ACCAP can provide. Moderated by: Moses Tcheripanoff, ANTHC.

Birch/Willow Room Protecting Wild Alaska Salmon in a Changing Climate - Presented by: Sue Mauger and Bob Shavelson, Cook Inletkeeper. This session will review Inletkeeper's scientific research on temperature changes in Cook Inlet salmon streams, implications of expected warming trends on wild Alaska salmon, and explore options for breaking our addiction to fossil fuels and embracing a renewable energy future. Outcomes will include a heightened understanding of climate change effects on wild fish and their habitat, and the options needed to address our energy needs in a sustainable manner. Moderated by: Jessica Standifer.

King Salmon Room AYEA 101: Engaging Teens with the Alaska Youth for Environmental Action Program - Presented by: Megan McBride and Claire Berezowitz, AYEA. Alaska Youth for Environmental Action (AYEA) inspires and trains diverse youth leaders to impact environmental issues by providing skills training in civic engagement and community organizing, and supporting teens' community action projects and campaigns. AYEA is a youth-led program of the National Wildlife Federation that was started in 1998 by 6 teens from Kodiak and Anchorage. Through the AYEA program teens have advocated for clean water, clean air protection, subsistence rights, and more. This session will provide an overview of the AYEA program, how we empower and support youth leaders from every region of the state, and how you (or teens in your community) can get involved. Moderated by: MaryAnn Porter, Yakutat.

4:00 p.m. - 4:45 p.m. Closing Session, Alaska Ballroom
Master of Ceremonies: Kalani Parnell, ANTHC
Closing Keynote Speaker: Mike Brubaker, ANTHC

Thursday, November 10, 2011

8:00 a.m. - 5:00 p.m.

Freon Removal Training

Offsite at Total Reclaim

This training is for those individuals that pre-registered online.

9:00 a.m. - 4:00 p.m.

Indoor Air Quality in Alaska

Alaska Room (2nd floor)

Presented by: AJ Salkoski, Chris Fish and James Temte, ANTHC, along with special guest presenters TBA. "The two-day session will provide an overview of indoor air quality for Alaska tribal communities. Indoor air quality topics will include: respiratory health, carbon monoxide, moisture and mold, woodstoves and wood smoke, chemicals in the home, radon, school air quality and methods of improving indoor air quality. Poor air quality in homes and schools directly impacts the health of residents and students. Improving air quality through the use of model practices in homes and schools is beneficial for everyone."

9:00 a.m. - 4:00 p.m.

7 Generations Training

Aleutian Room (2nd floor)

Presented by: Oxcenia O'Domin and Desirae Roehl, ANTHC. Communities in rural Alaska are faced with many unique and complex environmental issues. Building community strength to identify and solve problems is a powerful process that can lead to a healthier and more sustainable community. The 7 Generations training is an environmental planning tool that is designed for environmental staff, community leaders and community planners in rural Alaska. Participants will learn how to identify and address local threats in their home communities by following 7 Environmental planning steps.

9:00 a.m. - 12:00 p.m.

Performing Energy Audits

Katmai Room (2nd floor)

Presented by: Chris Mercer and Kyle Monti, ANTHC, DEHE. Learn the basics of managing energy in your home and office. Learn simple ways to reduce electricity and fuel usage and save money! The latest in energy auditing equipment and simple home tools will be on display.

Thursday, November 10, 2011

9:00 a.m. - 5:00 p.m.

Project WET/Project Learning Tree

Birch/Willow Room (1st floor)

This workshop is fun, hands-on, and interactive. It will teach participants a set of lessons about the natural world including water, trees, air, soil, and the living and non-living relationships that make it whole. The goal is for participants to be able to replicate these lessons in their community. It uses role playing, games, and simulations that teach content while having fun! Participants will also see how math, science, and literature can be taught while learning about the natural world. Lessons will be geared for elementary through high school. Presented by: Tami Seekins and Melissa Sikes, Fairbanks Soil & Water Conservation District.

8:15 a.m. - 4:30 p.m.

Climate Change Training

King Salmon Room (2nd Floor)

Presented by: Sue Wotkyns, ITEP. This 1 1/2 day training will focus on how to work with your village to plan for climate change impacts, assess climate change impacts and vulnerabilities, and develop strategies for addressing the impacts. Topics will include: 1) planning for Climate Change—Getting Started (engaging the tribal leadership and community, creating a climate change action team, identifying a point person, developing partnerships, and storing and organizing climate change information); 2) Assessing Climate Change Impacts and Vulnerabilities and Developing a Climate Change Adaptation Plan (assessments, observations and data collection, traditional knowledge, sources of scientific data, writing a climate change adaptation plan, resources for planning); and 3) Permafrost and Erosion Information. The format will be presentations, discussions, and short written activities.

8:30 a.m. - 5:00 p.m.

State Tribal Response Training

Dillingham Room

Closed Session for Brownfields Tribal Response Program Grantees.

Friday, November 11, 2011

8:00 a.m. - 5:00 p.m.

Freon Removal Training

Offsite at Total Reclaim

This training is for those individuals that pre-registered online.

9:00 a.m. - 4:00 p.m.

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Alaska Room (2nd floor)

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ATCEM Film Festival Schedule

Monday, November 7

11:00 a.m. - 12:00 p.m. Aspen/Spruce Room

1. **Alaska Native Diet: Monitoring Contaminants in Rural Alaska:** This video addresses several issues: levels of pollutants, nutritional value in traditional vs. available commercial foods and health consequences of dietary change based on epidemiological data about diabetes, heart disease and other emerging village health problems.
2. **Chukotka Drums:** This film describes the pollution problems faces by the Russian state of Chukotka, a short airplane flight west from Nome. It is presented here in hopes of raising awareness about the seriousness of the pollution problems in Chukotka.

4:00 p.m. - 4:45 p.m. Aspen/Spruce Room

1. **Yookkene: An Introduction to Brownfields in the Yukon River Watershed.** This film provides an introduction to the Brownfields in the Yukon River watershed.
2. **Tribal Brownfields Response: Midwest Assistance Program** Today tribes face server environmental issues that threaten there health, well being and traditional way of life. In 2002 the United States Congress passed the Brownfields Revitalizations Act, this Act address the issue may thousands of contaminated sites across country that went well beyond the scope from the previous 1980 federal superfund cleanup program, §128 (a) provides funding for states and tribes to establish programs to address hazardous substances, pollutants and contaminants.

Tuesday, November 8

3:00 p.m. - 4:30 p.m. Birch/Willow Room

1. **Clean Air, Healthy Villages: Protecting Air Quality in Tribal Alaska, v1**
2. **Clean Air, Healthy Villages: Protecting Air Quality in Tribal Alaska, v2**
3. **Adapting to Climate Change, Cllimate Change in Alaska**
4. **Faces of Climate Change: Climate Change in Alaska Sea Ice and also Dissapearing Sea Ice (2 versions)**

Wednesday, November 9

11:00 a.m. - 12:00 p.m. Iliamna Room

1. **U.S. EPA-IGAP: Tribal Environmental Success Stories, Alaska:** This film documents the EPA-Indian Environmental General Assistance Program in 11 Alaska communities from the people that built these programs from a grass root effort.
2. **Nindamwaa Giigoon: An Anishnaabe Guide to Eating Fish:** Choosing with fish are safe to eat is no simple task. This video was produced in collaboration with the Anishnaable People and the National Institute of Environmental Health Sciences UWM Marine and Freshwater Biomedical Sciences center to help clarify and explain the issures involved with fi

1:30 p.m. - 2:30 p.m. Aspen/Spruce Room

1. **Sustainable Northern Shelter: Anaktuvuk Pass:** The Sustainable Northern Communities Program works with local communities to build affordable, culturally rooted, energy-efficient housing in rural Alaska villages by combining traditional home designs with modern homebuilding techniques.
2. **Copper River Stewardship Program 2009**

Keynote Speaker Biographies

Opening Keynote Speaker: Walter Porter



Walter Porter is a Tlingit Indian from Yakutat Alaska. He was born in Yakutat in 1944 and moved to Haines, Alaska in 1956. He graduated in 1962 and traveled for 10 years and moved back to Yakutat. He spent a good deal of his boyhood years listening to his grand-mother and other elders tell mythologies and legends that were handed down to them by their elders. When he moved to Haines, he joined the Chilkat Dancers performing dances that were Tlingit Mythologies put into dance. In the mid 80's he was invited to be the host on the "Box of Daylight" video put together by Sealaska Foundation, Alaska State Museum, Klukwaan Heritage, Alaska Humanities Forum and others.

He lectures about the wisdom and knowledge that has been protected for us by our ancient Elders and how they cleverly disguised this information in mythology so it would come down safely to us through the ages. With rising crime, social problems, environmental impacts on communities and illnesses at the forefront of our concerns today, he points out how mythology holds many answers for us to regain control of our communities and lives by understanding them.

When lecturing or holding workshops, Walter invites his audience to look closely at the symbols in the story he is working with and gives them alternative meanings to choose from. By allowing the audience or students to participate, the experience becomes more meaningful as they begin to understand and see the wisdom and knowledge of our elders unfolding from ancient times to present.

Tuesday Keynote Speaker: Steve Street



Steve Street is the Director of the Department of Cultural and Environmental Sciences at AVCP, the regional Native non-profit corporation in Bethel, Alaska. He has been the staff archaeologist for the past fourteen years, responsible for conducting and overseeing NEPA and NHPA compliance on federally-restricted Native properties, and is actively involved in a variety of historic preservation initiatives throughout the Yukon-Kuskokwim Delta region. Steve holds undergraduate and graduate degrees from the University of New Mexico, University of Alaska Fairbanks and Arizona State University in Anthropology and Bioarchaeology and worked with the Smithsonian Institution on two major repatriation projects returning ancestor's remains to Mekoryuk and Golovin Bay/White Mountain villages. He currently is cooperating with Calista Corporation and the Calista

Elders Council on a three-year cultural heritage project with Lower Yukon villages, administers the AVCP Realty Department's databases and designs, manages and implements the GIS and mobile GIS applications.

Since 1984, Steve has worked closely with Native elders throughout the Y-K Delta, documenting historic sites and traditional ecological knowledge. The AVCP Department of Cultural and Environmental Sciences works with the Bureau of Indian Affairs and Calista Corporation to administer and process a corpus of nearly 1300 taped interviews with Native elders, most exclusively in the Yup'ik language, collected over more than thirty years. During the last twenty-five years, Steve has traveled to every community in the region and hundreds of the historic sites and subsistence areas, giving him a unique perspective on the history and human ecology of the Y-K Delta.

Keynote Speaker Biographies

Wednesday Keynote Speaker: Andrew Morris and Ben Agimuk Youth Environmental Stewards

Born in New York City, Andrew Morris is a 10 year-old 6th grader, currently living in Chevak, Alaska. Andrew is both homeschooled and taking classes in the Kashunamiut School District; Cup'ik language and physical education. He shares his love for books each week by reading to the 1st graders. He participates in after-school programs; Strategy Games, Robotics, and Battle of the Books. He loves basketball and baseball and is loyal fan to his home-town Yankees.

Andrew started the Chevak Waste Project at the beginning of the school year with the desire to clean-up high litter areas, keep waterways free of trash for fish and fowl, and encourage life-long recycling and waste management among fellow students.

Every week, he and his friends pick-up litter around Chevak. He arranged a recycle program for teacher housing and is developing a Recycle and Litter Patrol Club at school. Andrew is also working with state and national partners to choose the best way for Chevak to recycle paper. Check out the great work Andrew and his friends are doing at his facebook page, Chevak Waste Project.

Benjamin Agimuk is a 17 year-old 12th grader attending the Kashunamiut School District. He was born in Bethel, Alaska and lives in Chevak. His goal is to become a pilot and strives to preserve his Cup'ik culture by Eskimo dancing.

Environmental Awards Luncheon Speaker: Larry Mercurieff



Larry Mercurieff has almost four decades of experience serving his people, the Aleuts of the Pribilof Islands and other Alaska Native and indigenous peoples in a number of capacities locally, statewide, nationally and internationally. His reach has been broad and varied—a few of the positions he's held include: City Manager of St. Paul Island, Commissioner of the Alaska Department of Commerce and Economic Development, President and CEO of Tanadgusix Corporation, Chairman of the Board of The Aleut Corporation, and General Manager of the Central Bering Sea Fishermen's Association (one of the six Community Development Quota groups created by Congress to receive fish allocations in Alaska). Most importantly, Mercurieff was a community leader on St. Paul Island, his home, for almost 35 years.

Close to Mercurieff's heart are issues related to cultural/individual/ community wellness, traditional ways of living, Indigenous Elder wisdom, and the environment. Having had a traditional upbringing, Mercurieff has been, and continues to be, a strong voice advocating the meaningful application of traditional knowledge and wisdom obtained from Elders in Alaska and throughout the world when dealing with modern day challenges.

Keynote Speaker Biographies

Closing Keynote Speaker: Mike Brubaker



Michael Brubaker specializes in addressing environmental health problems in Alaska communities, in particular resulting from pollution and climate change. Mike was born in Juneau and raised in Anchorage. He received his Bachelor of Science in Biology from St. Lawrence University and a Masters of Science in Environmental Management from University of San Francisco. His rural health work began as a Peace Corps volunteer in Hungary in 1995, where he advised local governments on sanitation and pollution clean-up. Other international activities have included work with rural communities in Chukotka and Kamchatka on pollution and foods safety. From 1998 to 2008 he was the Community Services Director for the Aleutian Pribilof Islands Association, a regional tribal health organization serving Southwest Alaska. There he supervised public safety, economic development, natural resources, energy, and environment health programs. In 2008 he began his work with ANTHC and in 2009 co-founded the Center for Climate and Health. Mike and his colleagues work with rural communities across Alaska to encourage safe, healthy and sustainable communities in the face of a rapidly changing environment.

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Moses Tcheripanoff,
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*Environmental Program Manager
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*On behalf of the Alaska Native Tribal Health Consortium,
Thank You to all the Planning Committee members
who volunteered their time to make this year's
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Walter Porter, Mythologist

Steven Street, AVCP

Andrew Morris & Ben Agimuk
Kashunamiut School District

Larry Mercurieff, Anchorage

Mike Brubaker, ANTHC