



## COPPER RIVER WATERSHED PROJECT



### PROGRAM UPDATE

## KEEPING THE OIL IN THE PIPE: CITIZEN OVERSIGHT OF THE TRANS-ALASKA PIPELINE SYSTEM

BY KRISTEN POPE, COTAPS CAMPAIGN COORDINATOR

In November, CRWP joined a group of other stakeholders to form a working group called Citizen Oversight of the Trans-Alaska Pipeline System (CO TAPS). COTAPS is a coalition of citizens and organizations promoting the safe transportation of oil and gas from the North Slope to Valdez and working to keep the oil in the pipe.

TAPS crosses 34 major rivers and nearly 800 other rivers and streams over the 800 miles from Prudhoe Bay to Valdez. The pipeline was completed in 1977 and built to last only 30 years but the lease and right of way have now been renewed through 2034. A breach in the line at or near a river crossing could result in oil reaching fish streams or rivers, and clean up in remote areas would be an enormous challenge.

Over the 35 years of TAPS' operation, there have been a number of serious incidents along the pipeline and the pipeline owners have been fined millions of dollars for numerous violations. (For more information on incidents, see "Selected TAPS Incidents" at [www.akpipelinesafety.org/whateveryoucan](http://www.akpipelinesafety.org/whateveryoucan))

Our most pressing concerns with the pipeline include: corrosion problems, wax and ice buildup in the pipe, deferred maintenance, inadequate leak detection systems, inadequate spill response planning, and seismic and geologic hazards.

To address these concerns, we are working to increase citizen oversight capacity. After the Exxon Valdez disaster, the Prince William Sound Regional Citizens Advisory Council (PWSRCAC) was formed to provide citizen oversight for the Sound and resulted in significant improvements in safety and operations.

Our coalition of partners that want to "Keep the oil in the pipe" include: Yukon River Drainage Fisheries Association, Cascadia Wildlands, Copper Country Alliance, Copper River Watershed Project, Cordova District Fishermen United, Ecotrust, Native Village of Eyak, Gulkana Village Council, and Tazlina Village Council.

### SOME FREQUENTLY ASKED QUESTIONS ABOUT CITIZEN OVERSIGHT:

#### What is citizen oversight?

Citizen oversight is a proven legal framework within which recognized citizen groups can act as independent observers of government agencies and private corporations for greater transparency, accountability and receptiveness to public priorities. Examples of effective oil and gas citizen oversight organizations include: Prince William Sound Regional Citizens Advisory Council, Pipeline Safety Trust, Cook Inlet Regional Citizens Advisory Council, and the Washington Oil Spill Advisory Council.

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## KEEPING THE OIL IN THE PIPE: CITIZEN OVERSIGHT OF THE TRANS-ALASKA PIPELINE SYSTEM



### How is this different from government regulation and current oversight?

Citizen oversight would add an independent layer of monitoring. We're not trying to add more bureaucracy, but we do want to raise public awareness about the need for state and federal agencies to use the discretion allowed them by current law to protect public waters and lands adequately.

### Why isn't the existing oversight good enough?

Citizens don't have enough information available to them to know whether the TAPS is being maintained adequately. The Joint Pipeline Office is supposed to assemble Comprehensive Monitoring Reports, but the most recently posted CMR on-line is dated 2007. Furthermore, the State's annual report on TAPS is based largely on self-reported data from Alyeska Pipeline Service Company.

### Why is this becoming an issue now? It's been fine for over 30 years.

The pipeline was completed in 1977 and built to last 30 years. The pipeline is now 35 years old and its lease and right of way have been renewed through 2034. Under Alyeska's Strategic Reconfiguration, several pump stations have been automated, meaning there are fewer crew members in the field. That could lead to longer response times to mechanical problems. The pipeline's age is catching up to it and current problems include corrosion, wax and ice buildup in the pipe and deferred maintenance in addition to seismic and geologic hazards, inadequate leak detection systems and inadequate spill response planning.

### Where can I get more information?

For more information, please go to [www.akpipelinesafety.org](http://www.akpipelinesafety.org).

### Who can I contact if I have questions?

Please contact CO TAPS Campaign Coordinator Kristen Pope at [kristen@akpipelinesafety.org](mailto:kristen@akpipelinesafety.org) or (307) 203-8146.

## WHAT CAN I DO TO HELP?

### \* LEARN MORE & SPREAD THE WORD:

Talk to your friends and neighbors and tell them why you are concerned about the current oversight of the Trans-Alaska Pipeline System.

### \* JOIN OUR EMAIL LIST FOR UPDATES:

To join our email list, go to <http://akpipelinesafety.org/home> and enter your email address in the field on the right side of the page and click "Add". You will receive an email to verify and then after verification, you will receive CO TAPS updates. You can unsubscribe at any time.

### \* FOR MORE THINGS YOU CAN DO TO HELP:

Visit our webpage at: <http://akpipelinesafety.org/whatcanyou.do>.

## LETTER FROM THE EXECUTIVE DIRECTOR

As I write to you, the first fishing period of the Copper River fishery is just shy of six weeks away! You can already feel the pace picking up in town - people returning to town after a winter elsewhere are starting to trickle back, and our daily sunlight dose is lengthening noticeably each day. Eventually, we trust, the snow piles will recede.

We're introducing a new feature on our web site this summer, a Copper River calendar. We hope you'll use it to track the seasons and tides with us, and to follow the progress of our fisheries, hunting, resource management and community events.

Projections are out from the Alaska Department of Fish and Game for this year's salmon migrations. The forecast for the sockeye salmon harvest - by all users, including subsistence, personal use, commercial and sport fishermen -- from the Copper River is 1.43 million fish. Last year's forecast was for 1.2 million fish and the actual return was 2.1 million sockeye salmon, almost double the previous 10-year average harvest. The Alaska Department of Fish and Game notes that "the influence of environmental factors including the cooler ocean temperatures that have pre-dominated since September 2007, and the warmer ocean temperature from the El Nino event (August 2009 - May 2010) are factors that increase the uncertainty in the 2012 run projection" (*Run Forecasts and Harvest Projections for 2012, ADF&G*).

Good fishing to all, and help us keep it wild by eating more wild Alaska salmon this summer!

*Kristen Carpenter*

MAY 17: *anticipated first fishing period on Copper River flats (season runs through September)*

JUNE 1 - SEPT. 30: *subsistence fish wheel harvests, with in-season updates on fishing periods*

JUNE 1 - SEPT. 30: *scheduled personal use (dipnet) fishing periods*

JULY 1 - AUGUST 10: *sport fishing for king salmon on Copper River (downstream of Klutina River confluence) and on Chitina River; fishing for all other species in Upper Copper River drainage open the entire year.*



The Copper River Watershed Project wants to be your reporter for the watershed, your source of information when you wonder what's going on with the fisheries or other issues in our drainage. And if we don't have the information you're looking for, please ask so we can look it up!

# CLASSROOM CURRENTS

## WATERSHED EDUCATION UPDATES

BY KATE ALEXANDER

Not only is spring marked by the migration of shorebirds, songbirds, and spawning fish to the Copper River watershed, but this year Kenny Lake 2nd & 3rd grade students will be migrating to Cordova to meet their pen-pals and learn about the unique coastal environment their peers have been teaching them about all year!

Kenny Lake's visit will coincide with the 2012 Copper River Delta Shorebird Festival. CRWP and the Prince William Sound Science Center education staff will work together to coordinate 2 full days of hands-on, outdoor learning and team-building activities for Kenny Lake and Cordova students. Field trips to the rocky intertidal and mudflat ecosystems will allow students to compare the intricate communities living underfoot along our shorelines. Students will also get to see how researchers catch Western Sandpipers to collect valuable scientific data on these tiny, powerful birds that migrate from the southern hemisphere to their Arctic nesting grounds.

Fun is inevitable because of the wacky games, pool party, and potlucks planned to help solidify the pen-pals' relationships that were started via monthly Skype exchanges between classes. During these monthly exchanges students have swapped data about local weather

(air temperature, total precipitation, etc.) and length of day in each community. They used these data to explore relationships between where a place is located and its weather and ecosystems. Each class also shared a presentation on life in its community via Skype, teaching their peers about what is unique about their community (recreational activities, fishing gear, etc.) as well as what we have in common—like Copper River salmon!

The gathering in May is an exciting opportunity to solidify the personal connection between pen-pals, building a watershed community in the younger generation that will continue to be nurtured through exciting watershed-wide education activities in place at later grade levels. These opportunities include hands-on habitat monitoring in local aquatic systems for middle school students and the annual field-based Copper River Stewardship Program for high school students.

*Don't forget to "like" Copper River Watershed project and the Copper River Stewardship Program on Facebook so you can be kept up to date on exciting educational events and updates!*



KENNY LAKE



USING SKYPE, STUDENTS SHARED PICTURES OF THEMSELVES ENJOYING THE AREA AROUND THEIR COMMUNITY. THIS HELPED THEIR PEERS ON THE OTHER END OF THE WATERSHED LEARN MORE ABOUT THEIR UNIQUE SURROUNDINGS AND WAY OF LIFE.



CORDOVA



## TRAVELING BY STORY THROUGH COPPER RIVER COUNTRY

ALASKA HUMANITIES FORUM FUNDS INITIAL EFFORT FOR GATHERING THE BASIN'S STORIES

Copper River Country is home to a wealth of stories that fill the valley. From the last American homesteads in Slana, to the salmon that sustain the Ahtna people, to the geologic forces shaping the basin and its gold and copper mining riches, a trip through Copper River Country has so much to offer. The Copper River Watershed Project (CRWP) and a broad team of partners have been awarded \$8,000 from the Alaska Humanities Forum to initiate an effort to identify the region's stories and record oral histories of Copper Basin residents.

Alaska's Copper River basin has a profound cultural history but the last generation of Ahtna language speakers and original homesteaders is slipping away. Traveling by Story was conceived as a way of bringing history to life, of telling the stories of this unique region through the voices of its people.



Copper River Watershed map illustration by Kristin Link.

Project activities that will be funded through this grant include holding three talking circles, or facilitated conversations, focused on particular themes. We plan to hold the talking circles in locations spread throughout the basin to provide forums for a mix of diverse voices and stories. We'll also make use of existing oral history recordings collected by the University of Alaska's Project Jukebox program, National Park Service and Ahtna Heritage Foundation. We will record three new oral histories and develop interpretive text to accompany audio selections from the recorded oral histories.

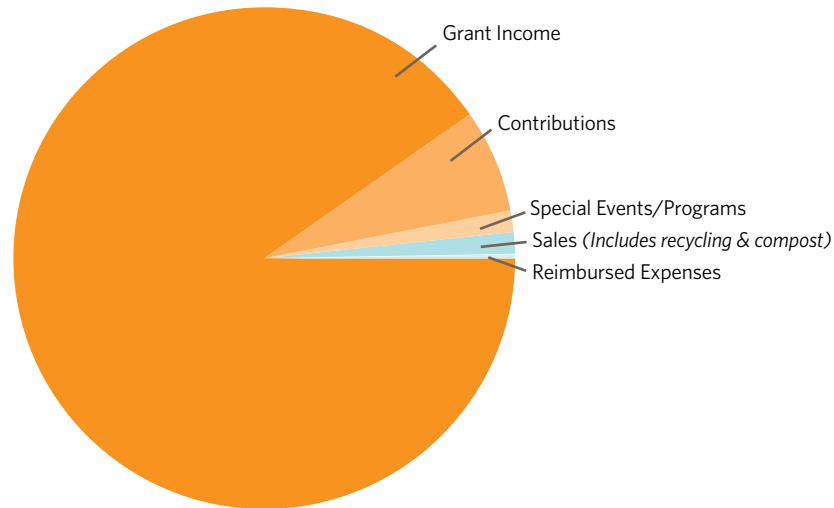
These audio recordings will initially be shared through a web site, with development of a smart phone application and a printed map guide to follow. The group is trying to build on work initiated in 2006 when residents and tourism businesses around the Copper River valley gathered to develop a regional identity. With tourism in the region growing steadily, the group hopes to create avenues for connecting with visitors to convey what makes this valley so special. Many visitors are interested in the unique aspects of the region's rural culture and want to understand how we live and work in our communities. The workgroup anticipates that a deeper understanding of the Copper River Country will encourage respect for private and public lands and the people of the area.

Project partners to date include: PWS Community College, BLM/Glennallen Field Office, Ahtna Heritage Foundation, and the Wrangell-St. Elias National Park and Preserve. We will also be working with the Wrangell Mountains Center, which received a similar grant, and welcome the participation of other partners who might be interested.

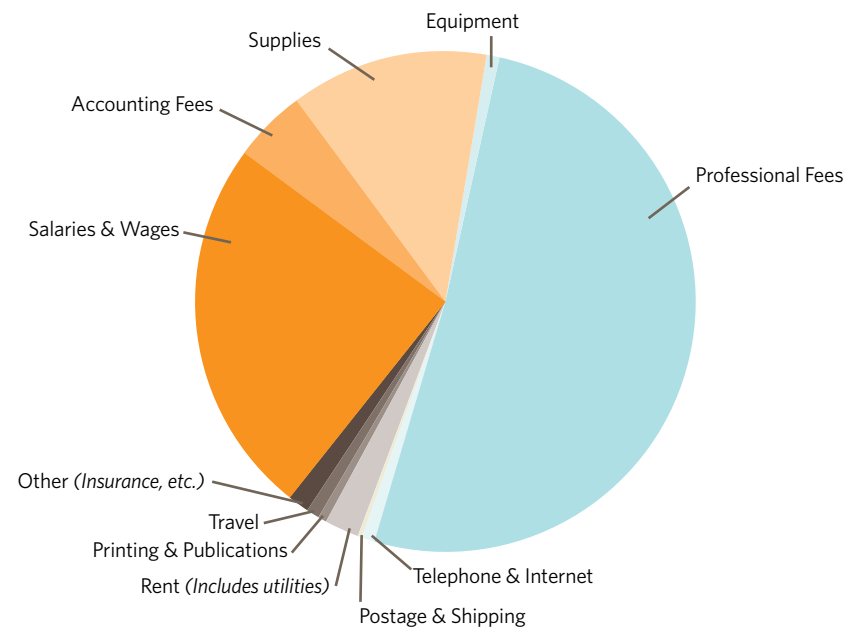
*The Alaska Humanities Forum funds projects that use the wisdom and methods of the humanities to enrich the civic, intellectual and cultural life of all Alaskans.*

# 2011 ANNUAL REPORT

## REVENUES: \$650,891



## EXPENSES: \$638,584



## 2011 FUNDING SOURCES:

Alaska Conservation Foundation • Alaska Department of Fish & Game  
 Alaska Department of Transportation • Alaska Geographic  
 Copper River/PWS Marketing Association • Ecotrust  
 National Fish & Wildlife Foundation • National Oceanic & Atmospheric Administration  
 National Pacific Research Board • Pacific State Marine Fisheries Commission  
 The Mountaineers Foundation • U.S.D.A. Forest Service  
 U.S. Fish & Wildlife Service • U.S. Geological Survey  
 U.S. Dept. of Transportation Pipeline & Hazardous Materials Safety Administration

## STATEMENT OF REVENUES & EXPENSES

Revenues	
Grant Income	\$588,875
Contributions	\$44,241
Special Events/Programs	\$8,682
Sales (Includes recycling & compost)	\$9,009
Investment	-\$256
Reimbursed Expenses	\$340
<b>Total Revenue</b>	<b>\$650,891</b>

Expenses	
Salaries & Wages	\$156,650
Accounting Fees	\$30,971
Supplies	\$81,057
Equipment	\$4,776
Professional Fees	\$327,823
Telephone & Internet	\$3,967
Postage & Shipping	\$2,655
Rent (Includes utilities)	\$13,217
Printing & Publications	\$4,454
Travel	\$5,303
Other (Insurance, etc.)	\$7,711
<b>Total Expenses</b>	<b>\$638,584</b>

## CASH POSITION AS OF 12/31/10

Assets	
Cash Accounts	
Investment Accounts	\$34,885
Accounts Receivable	\$22,256
Fixed Assets	\$14,462
<b>Total Assets</b>	<b>\$71,603</b>

Liabilities	
Accounts Payable	\$5,032
Unearned Grant Revenue	\$39,046
<b>Total Liabilities</b>	<b>\$44,078</b>

<b>Equity</b>	<b>\$27,525</b>
<b>Total Liabilities &amp; Equity</b>	<b>\$115,681</b>

# WHY WE DO WHAT WE DO



At a time when clear-cutting on the Copper River delta and in the Copper Basin, near-shore oil drilling, and cruise ships were being promoted as a way out of the Exxon Valdez oil spill economic disaster, residents in Cordova sought an alternative model for quality of life and for ending the community in-fighting. Since then, the Copper River Watershed Project, a nonprofit community-development organization, has made collaboration our signature approach. We're criticized at times for not taking a harder stand on high-profile "environmental" issues. These "third rail" issues are so highly polarizing, and consuming, that we decided early on to put energy into the areas where residents share common ground as a way of building trust and working relationships. This collaborative approach has proven extremely effective in our conservative communities of hard-working, closely-knit families where young people are as likely to enter the fishing industry right out of high school as to proceed for higher education.

In our early planning stages, the founding board developed criteria for selecting which projects we would take on:

- Increases or conserves one type of capital (*economic, natural resource, social*) without diminishing others;
- Effects of project on community image;
- Feasibility, practicality (*do-able?*);
- Mix of near and long-term;
- Breadth/depth of community support.

In keeping with our commitment to collaboration, diversity and local representation are the strengths of our board leadership, with participation from up and down river communities. Board members include representatives from the fishing industry, an attorney, an educator, a mother and community volunteer, and a Native Corporation staff person.



# 2011 ANNUAL REPORT

## PROGRAM SUMMARY



### FISH HABITAT RESTORATION

Much of our work focuses on salmon and salmon habitat because this keystone species is the currency of our region. We work with fish biologists and public and private land managers and owners in the region to identify “hot spots” that would benefit from bank vegetation, water quality, or fish passage restoration.



### CITIZEN OVERSIGHT FOR TAPS (COTAPS)

Residents of this region fear a spill from a Trans-Alaska Pipeline System breach could quickly end up in the main stem of the Copper River and damage spawning and migratory habitat of the world-famous Copper River salmon. We are working with pipeline corridor stakeholders to raise awareness along the pipeline about potential problems with its operating integrity and to increase the capacity of citizens to uphold current laws and regulations to their full extent.



### WATERSHED EDUCATION

Building a watershed community among residents young and old is the motivation for CRWP’s education work. CRWP works with partners up and downriver to provide students the opportunity to connect with their peers from other watershed communities through school year weather and habitat monitoring programs, raising salmon in the schools, and summertime field-based programs. Visitors to the region can also learn about the watershed when they visit the road-side educational signs created by CRWP and partners, attend the Copper River Wild! Salmon Festival and listen to the soon to be collected oral histories from the region.



### INVASIVE WEEDS

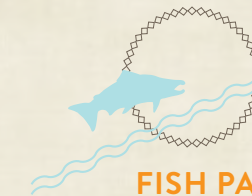
In both the Copper Basin and the Cordova area we are facilitating partnerships with land managers and owners to identify and treat invasive weeds. Invasive weeds are aggressive and can create a vegetation monoculture by out-competing native plants. Resource managers are concerned about the threat to fish and wildlife habitat of non-native species such as reed canarygrass, which grows in thick mats and can choke streams.



### FISHING WEB RECYCLING

In 2010, the CRWP worked with several community partners to create a self-sustaining program for recycling discarded fishing web. We now have three dedicated shipping containers staged around town so that fishermen can drop off their old web. The monofilament nylon web is shipped to Seattle for consolidating with other web, then sold to Asia for re-processing into plastic pellets. The pellets are ultimately used to manufacture new plastic products.

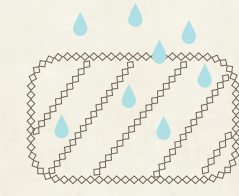
RAISING SALMON IN THE SCHOOL IS ONE OF THE MANY HANDS-ON LEARNING OPPORTUNITIES CRWP HELPS TO FACILITATE FOR YOUTH IN THE REGION. THE EYED EGGS PICTURED HERE SOON HATCHED INTO ALEVINS.



### FISH PASSAGE Eccles Creek & Culvert Mapping Tool



### CITIZEN OVERSIGHT



### STORM WATER OGS & Clean Streets



### WATERSHED EDUCATION

## 2011 HIGHLIGHTS

A PWS Science Center monitoring report for the Eccles Creek culvert replacement (work done in 2010) shows that the presence of juvenile coho salmon and cutthroat trout and of adult pink salmon is evenly distributed above and below the culvert. In comparison 2009 surveys found fewer species and a lower abundance of fish upstream of the old culvert.

Eight watershed education interpretive signs were installed throughout the Copper Basin.

Creation of COTAPS, an informal alliance of citizens in the Trans-Alaska Pipeline System (TAPS) corridor to help increase the effectiveness of laws and regulations in place for protecting tributaries of the Copper River, and the main stem of the Copper River itself, from a potential breach in the pipeline.

Installation of an oil and grit separator to filter storm water being discharged into Eyak Lake.

Receipt of an organizational capacity grant from the Alaska Conservation Foundation, in recognition of our work in the Copper River watershed and our efforts to raise awareness about the watershed’s vulnerability.

A culvert mapping tool was developed in collaboration with Ecotrust for displaying culvert condition and fish habitat data on culverts throughout the Copper River watershed. Currently we are working to finalize surveys on all State roads and expand the tool to include stream crossings on private roads.

Recycled 41,000 pounds of fishing web in 2011. Since 2009 we have collected nearly 100,000 lbs of web for recycling, keeping this material out of our City landfill and generating revenue to support future recycling efforts.

Clean Streets, Clean Streams, Clean Shoes campaign was developed to raise awareness about dog-poop pollution. We collaborated with the Native Village of Eyak to obtain bio-bag dispensers for installation around Cordova to help residents and visitors “scoop the poop”.

# RIDGELINES: AROUND THE WATERSHED

## GETTING ENERGIZED: RESIDENTS AND EXPERTS DISCUSS THE FUTURE OF ENERGY IN THE COPPER RIVER BASIN

Energy was the theme of the conference hosted by Ahtna, Inc. and the Copper Valley Development Association March 13-14th, 2012. Presenters from a wide range of backgrounds shared their expertise on energy topics. The major themes that came from the discussion were (1) Energy efficiency and conservation are top priorities; (2) Local alternative energy projects can be labor intensive—and more local jobs would be a good thing; and (3) The current high costs of heating oil and electricity, combined with the up-front cost of efficiency upgrades, make it difficult for low-income people to continue to live in the region. *For more information on the conference, contact Jason Hoke, CVDA at 822-5001, or Joe Bovee at Ahtna, Inc. at 822-3476. More information and presentations available at [www.coppervalley.org](http://www.coppervalley.org) or <http://www.ahtna-inc.com/lde.html>.*

## ORV MANAGEMENT PLAN APPROVED FOR NABESNA DISTRICT OF WRANGELL-ST. ELIAS

Enhancements to both motorized and non-motorized access routes in the Nabesna District of Wrangell St. Elias National Park and Preserve are included in the Record of Decision signed by National Park Service Alaska Regional Director Sue Masica. Improvements such as re-routes and trail hardening will take place on nine trails to maintain alignment and prevent resource impacts associated with degrading trails. Use of ORVs by federally qualified subsistence users will continue to be allowed on trails in the national park and preserve, although monitoring and management actions may occur to ensure that

resource impacts on unimproved trails do not spread. An additional 20 miles of new non-motorized trails will be constructed. *To view a copy of the record of decision, visit [Wrangell-St. Elias National Park and Preserve website at http://www.nps.gov/wrst](http://www.nps.gov/wrst) and for questions, contact Bruce Rogers at 907-822-7276.*

## ECONOMIC DEVELOPMENT PLAN FOR COPPER VALLEY UPDATED

Copper Valley Development Association is working to revise the Comprehensive Economic Development Strategy (CEDS) plan that establishes regional goals, objectives and potential strategies for economic development in the Copper Valley. Analysis of state and regional data identified areas for intervention and potential partners for economic development. Community level planning has been going on since January to prepare communities to participate in the Regional Roundtable Planning Session to be held in early June. All communities are invited to help determine and record their community level needs and concerns in the form of community plans that will then be incorporated in the CEDS document. A schedule of upcoming meetings will be posted in on [www.coppervalley.org](http://www.coppervalley.org) and announced via KCAM and Copper River Record. *For more information contact, Sandra Wagner, CEDS Project Manager, at 822-5001 or [swagner@coppervalley.org](mailto:swagner@coppervalley.org).*

## TANGLE LAKES STATE WILDLIFE REFUGE PROPOSAL

The Tangle Lakes region is a favorite recreation and subsistence destination for many Alaskans, and is important habitat for the Nelchina caribou herd, Arctic Warblers, and many other species. It is also part of a larger region being

explored for nickel, copper, and platinum group metals. This coming season, Toronto-based Pure Nickel, Inc., plans to do more exploratory drilling with \$4.9 million in funding from Japanese multinational ITOCHU Corporation.

Copper Country Alliance and its allies are gravely concerned about the impacts that a mine could have on the Tangle Lakes region and they continue to gather support for creation of a Tangle Lakes State Wildlife Refuge. This would give ADF&G the authority to give better protection to wildlife and current uses—hunting, fishing, recreation, and tourism. *More information at <http://savetanglelakes.org/>, or by contacting Ruth McHenry at 907-822-3644, [cca@coppervalleyak.net](mailto:cca@coppervalleyak.net).*

## BRUCE JAMES RECEIVES ANDY TAYLOR COMMUNITY SERVICE AWARD

Bruce James, Executive Director for Wrangell Institute for Science and the Environment (WISE), received the Andy Taylor Community Service Award from Wrangell St. Elias National Park and Preserve. Through Bruce's efforts, WISE has effectively expanded the community's opportunities to increase their understanding of the natural world and each year provides more hands-on, place-based science education learning opportunities and events. The Andy Taylor Award recognizes community members whose volunteer service brings both tangible and intangible benefits to Wrangell-St. Elias National Park and Preserve; whose activities and generosity exceed normal expectations; and whose actions reflect initiative, imagination, perseverance, competence, creativity, dedication and integrity. *Thanks for all your hard work, Bruce!*

# THANK YOU MEMBERS

## ANCESTORS' LEGACY, \$1000+

Bill & Marion Alexander  
Copper River/Prince  
William Sound Marketing Association  
ERA Alaska  
Dr. Tom Hall &  
Dr. Elizabeth McLoughlin  
Connie & Bill Jones  
Betty & Curt Jones  
Riki Ott  
Charles Wilson  
Anonymous

## WATERSHED STEWARDS, \$500

American Seafoods Inc.  
Phil Blumstein  
Chris & Allison Bovard  
Danny Carpenter  
Peter & Gail Cinelli  
Arthur J. Donald Family Foundation  
Bert Lewis & River Gates  
Gregory & Diane Morgan

## TRIBUTARIES, \$250

Annie & Michael Hopper  
Alaskan Real Estate  
Carroll Barclay  
Chris Beck  
Robin & Peter Blake  
Jeannie & Kory Blake  
Copper Moose B & B  
Copper River Seafoods  
Cordova Telephone Cooperative  
Cordova Wireless  
Stuart Elsborg  
Mary Hall  
Harborside Pizza  
Ken Hodges  
Nancy Pease & Dan Hull  
Lyman & Gretchen Hull  
Jeff Johnson & Lisi Ott  
KCHU  
KLAM  
Fred & Cathy Keuthen  
Jack & Lynn Loacker  
Kim & Bill McAuliffe  
Pamela Moe  
Eric Manzer &  
Molly Mulvaney  
Rebecca Nourse  
Prime Select Seafood  
Kate & Reid Smith  
Thayer Talcott  
The Lodge at Black Rapids  
Cherri Thomas  
Wells Fargo-Glennallen Branch

## WRANGELL PEAKS CIRCLE \$100

Alaska Geographic  
Alaska Glacial Mud Co  
Lilly Goodman &  
Michael Allwright  
Lee Rolfe & Tony Angell

Alex & Kate Arduser  
Jeff Bailey & Helen Howarth  
Jean & Howard Baumann  
Bayside Storage  
Lou Beaudry  
Gil & Elinor Beck  
Bob, Joanie, Brian &  
Erika Behrends  
Robert Berceli  
Laurie Berger &  
John Jenkins  
Judy & Mark Berger  
Nancy & Mary Anne Bishop  
Bill Black  
Brittany Blain  
Tim Brabets  
Hanley Brite &  
Nancy Bancroft  
Sharon Brumbley  
Kristin Carpenter  
Carolyn Chaney  
Dino Ciabattoni  
Becky Clausen & Dirk Lang  
Susan & Bob Clausen  
Debbie & Richard Collins  
Copper Center Lodge  
Copper River Fleece  
Copper River Telecom

Cordova Chamber of Commerce  
Cordova Coastal Outfitters  
Cordova District Fishermen United  
Seawan Gehlbach & Andy Craig  
Crowley Petroleum Distribution  
Mark Heidbrink & Becca Dodge  
Andra & Nathan Doll  
Dragonfly Design Images  
Sue Farzan  
Peter & Nancy Fenner  
FNBA-Glennallen  
Ruth Franklin  
Tony Gasbarro  
Donald & Janet Groschel  
Vicki & Robert Hallam  
Josh & Karen Hallquist  
Kent & Lynda Hamby  
Tamara & Denton Hamby  
Darcy Harris  
David Hartley  
Katrina Hoffman  
Marie & Charles Hoffman  
James & Teresa Holley  
Betsy Howes-Bean & Charles Bean  
Margaret Hunt  
Gary Jacobs  
Jim & Patricia Kallander  
Tom Killeen  
Laura's Liquor  
LFS  
Bill & Renee Lindow  
Matt & Roni Luck  
J. Grigsby Markham  
Tom McGann  
Debra Miller D.M.D.  
Jack & Virginia Miller  
Kate Alexander &

Andy Morse  
Mountain View Grocery  
Gas & Liqueur  
NAPA-Cordova & Glennallen  
Ocean Beauty Seafoods  
Orca Books  
Joanna & Oliver Osborn  
Janat & Jack Parker  
Beth Poole  
Parker & Victoria Poole  
Steve Ranney  
Bill Reid  
Lawrence Rinder  
Mary Earl & Bill Rogers  
Kari & Bruce Rogers  
Danny & Arlene Rosenkrans  
Vera & Brian Rutzer  
Alaska Geographic  
Steffan and Clair Scribner  
Gwen Sensenig & Phil Hess  
Cathy & Dixon Sherman  
Bert Stammerjohan  
Sandra & Rich Staples  
The Hub of Alaska  
The Net Loft  
The Picnic Basket  
Mark Vail  
Barbara Vaile  
Rochelle & Keith  
Van den Broek  
Gonzalo Villalon  
Janice & Eric Warga  
Nancy Waterman & Bill Leighty  
Irene & Bill Webber  
Violet & Joe Whaley  
Elizabeth Wiggins  
John Wilson

## RAVEN'S CLAN, \$50

Debra & Ken Adams  
Alaska Commercial Company  
Alaska Marine Lines  
Alaska Seafood Sales  
Rich Alloway  
Ellen Americus  
Angela & Brian Arnold  
Torie Baker & Troy Tirrell  
Dave & Laura Beam  
Teresa & Andy Benson  
Paul Boos & Janelle Eklund  
Lindsay Butters & Brian Wildrick  
Julie de Boer & Robert Carr  
Barbara Cellarius  
Kent Chandler  
Erica Thompson & Dan Clark  
Diane & Bill Cobb  
Joe & Belen Cook  
Cordova Electric Cooperative  
Peggy Cost  
Sharon Crisp  
G. Warren Elliott  
Michelle Dockins & Micah Ess  
Michael Ferraro  
Jane Flygstad & Denny Patnode  
Forest Fusions  
Full Circle Farms  
Kurt Goetzinger  
Leah & Chris Grey  
Vicki & Greg Hamm  
Jeff Hawley  
Marvin Holz  
Audrey & Phil Huffman  
Ilanka Cultural Center

Robin & Mark Irving  
David and Annette Janka  
Julie Jessen  
Kendra's Kreations  
Adam Kenyon  
Alyssa Kleissler &  
Curtis Herschleb  
R.J. Kopchak &  
Barclay Jones-Kopchak  
Clay & Lila Koplin  
LeAnn & Cory Larson  
Joan & Les Larson  
William & Liz Larzelere  
Eric Lutz & Cynthia Buchanan  
Craig Matkin  
Heather & Chris Maxcy  
Patty & Dennis McGuire  
Cliff Eames & Ruth McHenry  
Bob McKarney  
Johana & Johnny McMahan  
Native Village of Eyak  
Linden O'Toole  
Park's Place  
Bill Pearson  
Pete's Treats  
Joan & Jeff Phillips  
Rich Pribyl  
Gordie Reeves  
Rogue's Garden  
Jane Browning & Al Rule  
Beth, Rich, Kathryn & Alex Schluter  
Silver Fox Jewelry  
Mark & Carla Somerville  
Barbara Solomon & John Stack  
James Stratton  
United States Forest Service  
Dotty & Bob Widmann

## KINGFISHERS, \$25

Rick Ballas  
Robert & April Beedle  
BLM Glennallen Field Office  
Virgil & Charlette Carroll  
Chocolate Spoon Espresso  
Crocket's  
Jill & David Crowley  
Jessyka & Jonah Dart-Mclean  
Fred Finkelstein & Nora Paille  
Douglas Vollman & Marnie Graham  
Kathy Halgren  
Stan & Shelley Held  
Kayane & Bruce James  
Shelly & Heath Kocan  
Raquel & John Koch  
Let's Talk About Beer  
Dan Logan & Sue Kesti  
Buck Meloy  
Kim Menster  
Terry Merritt  
Tracey Nuzzi

Carol & Lynn Potter  
Fritz Reid  
Brad & Julie Reynolds  
Kitty & Jim Rogers  
Sue & Dick Shellhorn  
Barbara Sherman  
Jennifer Pickett & Vince Shrigley  
Dana & Anita Smyke  
Kathryn Stoltzfus  
Tim Sundlov  
Timeless Beauty Endless Health  
Eric & Charleen Veach  
Jordan Watson  
Gay & David Wellman

## SUBSISTENCE LIVING, \$10

Dave & Sarah Abbott  
Arctic Buchanan  
Darla Church  
Erin Cooper  
Xiomara & Steve Copeland  
Diane Ellsworth  
Penny Ewan  
Briana & Peter Griffith  
Glenn & Suanne Hart  
Colby Hawkinson  
Judy & David Heller  
Pete & Katie Hoepfner  
Robert Johnson  
Klutina Quilter  
Joyce Levine  
David Little  
Judith & Matt Lorenz  
Norah Martinez  
Jackie McMahan  
Aaron Minks  
Cheryl Nice  
Mitch & Gail Nowicki  
Lanette Phillips  
Michael Poole  
John Rodgers  
Erin Smith  
James Thorne  
Alexis Cooper & Malcolm Vance  
Jennifer Vaughn  
Julie & Thumper Williamson  
Angela Woods  
Kyall & Lisa Yoshimoto  
Rebecca Zandstra

\* We are currently transitioning our membership information to a new database. We sincerely apologize if we are missing your name or information is not listed correctly. Please let us know so we can be sure to update our records!

watershed  
(wa'ter-shed)  
the region or area drained  
by a river or stream:  
all the land that carries  
rain to the same river system

## CRWP STAFF

Kristin Carpenter, Executive Director  
Kate Alexander, Program and Membership Coordinator  
Roger Johnson, Invasive Weeds Coordinator/Cdv.  
Lil Gilmore, Invasive Coordinator/Copper Basin  
Jessyka Dart-McLean, Operations Manager  
Kristen Pope, TAPS Campaign Coordinator

## CRWP BOARD OF DIRECTORS

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Gloria Stickwan, Vice President, Tazlina  
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Beth Poole, Cordova  
Open Seat, Copper Basin

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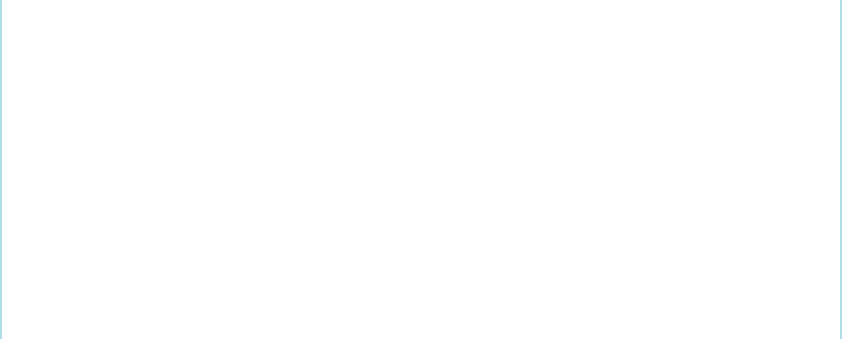
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**COPPER RIVER  
WATERSHED PROJECT**



# Newsletter

TO



## WHY I SUPPORT CRWP



**DIANE  
MORGAN**  
PORTLAND, OR

*“Having spent time in Cordova and on a commercial salmon-fishing boat in the Copper River Delta when I was researching and writing my cookbook, Salmon, I learned the value of protecting the waterways where the*

*salmon return to spawn. The Copper River Watershed Project has sustained the energy and commitment to restore and protect these environmentally precious waterways—the key to the sustainable-harvesting of wild salmon stocks. In return, we lend our financial support to sustain their good works.”*

*Diane Morgan is the author of more than a dozen cookbooks, including Salmon.*

## THANKS TO OUR 2012 WILD FOOD FEAST & FILM FESTIVAL EVENT SPONSORS

who helped make our recent event a success! Please support these businesses and organizations that contribute to CRWP.

### CRANBERRY SPONSORS (\$250+):



The Lodge at Black Rapids

### BLUEBERRY SPONSORS (\$100-249):

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- Wrangell Mountain Air

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