



COPPER RIVER WATERSHED PROJECT

COPPER RIVER

Runner

FALL 2020

THE ECONOMIC BENEFITS of FISH HABITAT RESTORATION

BY KATE MORSE, Program Director

Access to upstream fish spawning and nursery habitats and restoring natural stream functions are the benefits we usually brag about when it comes to our watershed-wide fish habitat restoration work. We are also proud that our habitat restoration work benefits the salmon economies of the watershed, including commercial, sport, and subsistence harvest of salmon that fill our freezers and employ people through the harvest, processing, shipping, and guiding associated with these fisheries.

However, the benefits don't stop there. Each project employs local contractors who hire local residents to help with the implementation of the restoration projects. These employees in turn spend their earnings in their community, paying for housing, meals, household goods, fuel, and entertainment. The economic benefits of investing in habitat restoration creates a ripple effect through communities.

To evaluate the economic input of our fish passage restoration work over the last 12 years, we have replaced nine culverts and removed one and replaced it with a low water ford, bringing an estimated \$3,246,000 from federal and state agencies and private foundations to hire local contractors for these important fish passage improvement projects. These funds leveraged additional money from our partners, and based on a study by University of Oregon¹ benefits accrue as these funds cycle through the economy, a factor they refer to as a multiplier effect. This study estimates that for every \$1

million invested, an additional 1.4 to 2.4 times the amount of economic output was generated to benefit the local economy. This turns our \$3,246,000 investment (to date) in fish passage improvement to an estimated \$4,544,400 to \$7,790,400 for the watershed.

While we are very proud of our past investment in the region's economy, we are also very excited for the future, especially given the national downturn in the economy (it is nice to have good news in the face of so many challenges!). We have an additional \$4 million to support up to 10 more fish passage improvements on the Copper River Highway thanks to the investment by the Exxon Valdez Oil Spill Trustee Council. We are also working to leverage significant contributions from the Alaska Department of Transportation, U.S. Fish & Wildlife Service, and NOAA to raise a total of \$3 million dollars to restore fish passage on the Little Tonsina River. This project will improve access to an estimated 45 miles of upstream habitat for King and Coho Salmon in addition to supporting the regional economy.

None of this investment would have happened without you, our generous donors and members who helped us to develop the capacity to take on these bigger fundraising efforts and major construction projects. Were it not for your support we would not have been able to build the internal capacity and partnerships that have made us so successful in receiving the larger grants for restoration work. So thank YOU for your investment in the health of our watershed and the economies supported by both our restoration work and an intact watershed.



¹ University of Oregon, Institute for a Sustainable Environment, Ecosystem Workforce Program Briefing Paper Number 23, Spring 2010.

LETTER FROM CRWP DIRECTOR

It's the changing of the seasons here as we move into Fall and with the crisp, cool air I can't help but take a moment to reflect on 2020. It's been about one full year since my start at the Copper River Watershed Project as Executive Director. Whoa, what a year! From the learning curve in the position feeling comparable to a fire hose down the gullet to the world getting thrown into the COVID-19 pandemic, we worked from the office then worked from home, and often spent more time on our phones than talking to actual human faces. However, after coming through to the other side of 2020 I'm amazed by how much we got done and how good it feels! I have never felt more a part of a community than I do at this moment or proud of the people that I get to work with.

This year, despite the scary uncertainty of most of our daily happenings, the CRWP secured funding for increased habitat restoration work, increased our staff, obtained additional supportive virtual communication platforms and will now have an online store, all on top of regular program and project work! Without hesitation, CRWP staff dove into the unknown to innovate, change and get the job done to ensure we continued the work our supporters rely on us for. And if we were lucky, someone would show an adorable infant or puppy during an at home-Zoom meeting because even though we were all worried and troubled by what was happening, there were still ways to find joy on a daily basis. I hope that you too experienced a curious cat or child in your Zoom meetings and embraced that this was just how things were going to be for a while.



Lisa at Changing Seasons outdoor school event, Glennallen, AK.

This year we replaced three undersized culverts along the Copper River highway, had the inaugural Copper Basin Symposium for Science, Tradition and Stewardship, brought a new baler to town for recycling, monitored and managed invasive plants throughout much of the watershed and facilitated a long-awaited cleanup of abandoned RVs, cars and fishwheels along the Kotsina delta among our grant writing and work for getting future projects lined up. So thank you. Thank you for being with us and for elbowing through this past year.

You will be seeing more of us via videos, online content and virtual events so that we can continue to bring the Watershed Project work to you as best we can. I'm wishing everyone a wonderful Fall season and looking forward to the day when we can all gather again.

Sincerely

A handwritten signature in black ink that reads "Lisa Docken".

Lisa Docken

CRWP BOARD OF DIRECTORS

Nik Merlino, *Board Chair*, McCarthy
Pete Mickelson, *Vice President*, Cordova
Caitlin McKinstry, *Secretary*, Cordova
Matt Piche, *Treasurer*, Cordova
Jackie McMahan, Gakona
Kate Wilson, Copper Center
David Saiget, Cordova

CRWP STAFF

Lisa Docken, *Executive Director*
Kate Morse, *Program Director*
Shae Bowman, *Operations Manager*
Chantel Adelfio, *Invasive Plant Program Manager*
Alexis Cooper, *Accounting Person*

Ashley Taylor, *Website and Communications*
Samantha Vargas, *Invasive Plant Technician*
Jolene Nashlund, *Invasive Plant Technician*
Chris Iannazzone, *Greenhouse Initiative Technician*



CLASSROOM CURRENTS

CREATIVITY IN TIMES OF COVID

BY KATE MORSE

As students head back to the classroom, teachers are needing to adapt and be flexible due to the changes that continue to happen as a result of COVID-19. The same is true for us and our watershed-education partners. But rather than hang our heads as we closed doors on our usual field-based programming, we are working to find windows to open and creative ways to get youth outside, learning and enjoying the amazing watershed they are so fortunate to live in.

While the pandemic restricted travel and in-person gatherings, we worked with our partners to problem solve and identify a new way to lead our summer Copper River Stewardship Program, typically a 10-day field based program where students from Cordova and the Copper Basin come together to explore the watershed up and downriver. We modified our program to have small teams of students in each region embark on similar outings into different streams to learn more about trout species in the region.

The Cordova team had to check 12 traps they had set the previous day on the Copper River Delta before they were able to celebrate the discovery of two Coastal Cutthroat trout in the most northern extent of their habitat on the Pacific Coast. The Copper Basin team discovered multiple juvenile Rainbow Trout in their traps, a species that also claims the Copper River Watershed as their most northern habitat (Gulkana River). On the final day, participants connected via ZOOM in order to share the lessons learned, creative projects developed over the course of their time in the field, and quite a few laughs. We hope to get this awesome group of stewards out on a longer field-based adventure next year!

We will continue our creative approach as the school year progresses. All six school sites in the watershed are very excited to host salmon incubation tanks again and we hope to purchase live-streaming camera equipment so we can make sure that if students end up learning far from their salmon tank are able to tune in to watch the salmon develop from eggs to alevin to fry (and you too!). The Cordova tank will be in our office window so that we can host sidewalk activities for students and families to learn more about the salmon biology and the region's salmon-based economies. Also, as health guidelines allow, we plan to host field trips again, adapting to lead multiple smaller groups outings vs. entire classes or whatever creative means we can develop to get kids outside, excited, and engaged in the Copper River watershed.

We welcome your ideas on how we can be creative, as well as your financial support to help us adapt and be flexible so we can keep our watershed education efforts going. Stay tuned as this holiday season we will be offering our popular "adopt a salmon fry" campaign where you can name a fry from one of our tanks to honor your friends and family while at the same time help support our watershed-education initiatives.



2020 CRSP participants might have missed out on traveling up and downriver, but they still had fun, literally immersing themselves into the trout habitat they were learning about in their part of the watershed.



INVASIVE PLANT TEAM GOES DIGITAL

BY KARI ROGERS

While six feet apart is the recommendation for social distancing, at times this summer the CRWP Invasive Plant Crew were over 100 miles apart. The team of four included Chantel, Ashley, and Sam based out of Cordova; and Jolene in the Copper Basin. In non-COVID times, the Cordova team is able to travel to the Copper Basin and assist in the treatment of invasive plants. However, during this time of limited travel we were able to follow (and cheer on) Jolene's hard work through Anecdata!

Anecdata is an online citizen science platform that provides functionality and tools to collect, share, and analyze any type of data. The CRWP Invasive Plant Crew started a project on Anecdata called the "CRWP Invasive Plant Reporter." With over 820 observations, our new Invasive Plant Reporter acts as a data repository that holds all historic and current invasive plant observations and treatments (2015-2020).

Even with social distancing complicating projects with groups and volunteers this year, the CRWP Invasive Plant Crew was able to make amazing progress on the fight against invasive plants! In the 2020 field season, 4 staff members have made 269 observations, surveyed 188 acres, and treated 89 acres across the Copper River watershed. With the use of the



Anecdata app, the Invasive Plant Crew was able to go completely paperless and provide real-time data to partners and citizens following our invasive plant work!

If you are interested in following our work or becoming an active partner/volunteer, you can download the Anecdata app and join the "CRWP Invasive Plant Reporter." Help us track invasive plants, and control the populations before they impact the pristine habitat of the Copper River watershed. Use the Anecdata app to make observations, survey new areas, upload pictures, and perform simple treatments on invasive plants in your area. For more information visit: <https://copperriver.org/programs/invasive-plant-management/citizen-science-invasive-plant-reporter/>



WEBSITE SCAVENGER HUNT BY SHAE BOWMAN

SCAVENGER HUNT:

- 1 Who were our 2020 scholarship winners and what universities will they attend?
- 2 What are the three steps for prepping web for recycling?
- 3 Have you visited any of the projects on our new Where in the Watershed is CRWP map, if so which ones?
- 4 What special donation campaign are we working on right now?
- 5 What are the names of our "other very important staff members"?

HAVE YOU VISITED OUR WEBSITE LATELY? Complete the website scavenger hunt below (win a free magnet!) and discover updated content on program pages, profiles of our staff and their furry or feathered friends, and our online shop! With more people online and looking for virtual ways to connect safely, we thought there was no better time than the present to update as much as possible and add a few new virtual features, including a project map.

As part of the overall CRWP website facelift, I was lucky enough to design and develop a new interactive map that showcases the breadth of programs and projects, and the geographic scale at which we work. Explore the glaciers and rivers of the watershed with the satellite imagery or use the CRWP theme basemap to learn the Native place names of those geographic features. Turn on and off the program layers to see the spread of projects across the watershed and click on the color coded points to learn more about the work completed there. How many of these projects did you know about or have you visited?! Participate in our website scavenger hunt and let us know!

Answer at least four of these five questions to complete the CRWP website scavenger hunt! Send your responses to ashley@copperriver.org for one of our new graphic magnets.



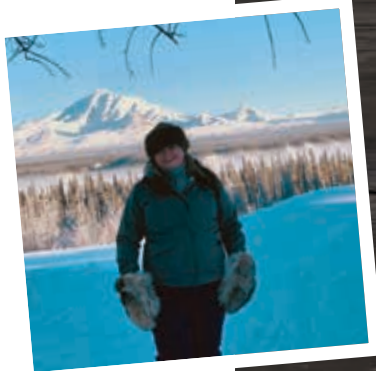
COVID CAN'T STOP CRWP

Given the financial challenges stemming from the COVID-19 pandemic, we at CRWP feel very fortunate to have not only maintained our awesome core staff during these challenging times, but we have even grown, and were able to support staff from one of our partners who was unable to maintain their usual staffing levels for the summer months as a result of the pandemic.

We welcome Kirsti Jurica officially to the team as our Hydrologist & Watershed Restoration Staff. After years of working contract to contract with Kirsti, we are thrilled to have her officially a part of the CRWP staff. However, don't go looking for her in our office—she will most likely be donning chest waders, collecting culvert, fish or stream data somewhere in the watershed.

Also loose in the field this past summer were our awesome Invasive Plant technicians. We were excited to have Samantha Vargas in Cordova to assist Ashley and Chantel in the control and eradication of orange hawkweed and reed canarygrass, while Jolene Nashlund took to the field in the Copper Basin to help maintain our momentum to control and eradicate white sweetclover and bird vetch.

While the field season is wrapping up as summer transitions into fall, we want to celebrate our awesome staff who kept our important work moving forward despite the setbacks and extra challenges we are all facing.



This past Spring we welcomed

THREE NEW MEMBERS TO THE CRWP BOARD!

CAITLIN MCKINSTRY – Secretary, Cordova

Caitlin received her MSc in marine biology from the University of North Carolina at Wilmington and joined the research staff of the PWSSC in 2011. Her role as a oceanographic research assistant has led her to all corners of Prince William Sound and the Gulf of Alaska. The Copper River Delta and its health play an important role in her life as an avid forager, subsistence fisher, and conservationist. As a supporter, periodic volunteer, and now board member of the Watershed Project, Caitlin is excited to help further the mission of this important organization.



DAVID SAIGET – Board Member, Cordova

David is a fisheries biologist and a commercial gillnet fisherman from Cordova. David first came to Cordova in 1983 to fish and began his career as a fisheries biologist in 1992 with ADFG and the US Forest Service in Cordova. He currently owns and operates his own aquatic sciences consulting company, and in 2013, he began direct-marketing his catch, providing Copper River salmon to the public. He feels fortunate to be able to work as a scientist in the watershed and to also be able to catch and provide what he feels is the world's best salmon, from one of the most unique and pristine watersheds in the world. David has three children ages 28, 26, & 12, and lives with his wife Darcy in Cordova.



KATE WILSON – Board Member, Copper Basin

Kate was born in Daytona Beach, Florida. While growing up, members of her family, including her Grandparents, lived in Alaska. She remembers as a child, seeing her Grandfather carefully unloading fish boxes while explaining the different types of salmon and his favorite ways to catch them in Alaska. Kate was given the opportunity to come up to Alaska for a summer job and has been here ever since. She has an interest in water treatment along with an operators license. Her current job as ADFG biologist offers great experience in providing knowledge of the wildlife, fish and habitat that surrounds her home in the Copper basin and has served to create a deep understanding of the importance of its preservation.

THANK YOU, MEMBERS *"Alone, we can do a little; together, we can do so much" – HELEN KELLER*

ANCESTORS' LEGACY, \$1000+

A/C Value Center
Alaska Glacial Essentials
Alaska Marine Lines
Bill & Marion Alexander
Alyeska Pipeline Service Company
Arthur J. Donald Family Foundation
Allison & Chris Bovard
Diane & Mark Colleran
Colby & Jeremy Doyle
Drifters Fish
John Garner & Liz Cardwell
Dan Hull & Nancy Pease
Jim & Martha Hutchison
Antioch International, Inc.
Midnight Sun Environmental
Ridgeline Aviation
Riki Ott
David & Darcy Saiget
Joan Smith
Cece Stack & Britt Pedicord
Jim Staszewski
Lorna Stern
The Triton Foundation
Trident Seafoods
Violet & Joe Whaley
Charles Wilson
Wilson Construction

WATERSHED

STEWARDS, \$500-999

Alaska Railroad Corporation
Leo Americus
Keri & Vince Bailey
William Beattie & Evonette Aponte-Beattie
Jonathan Bigley
Phil & Rich Blumstein-Ervin
Karen Hyer & Ken Carlson
Susan Clausen
Copper River Seafoods
Stuart & Margery Elsborg
Tony Gasbarro
Deirdre Henderson
Ken Hodges
Marie & Charles Hoffman
Gary & Cynthia Jacobs
Peter & Tanya Johnson
Curt & Betty Jones
Iyad & Carol Khalaf
Jack & Lynn Loacker
Donna McBain Evans & Sam Evans
McCarthy River Tours and Outfitters
Mary Jane & Alan Morse
Sena Seafoods
Specialty Imports
Bert Stammerjohan & Liz Senear
Timeless Beauty Endless Health
Wells Fargo Government and Community Relations Group

TRIBUTARIES, \$250-499

60 Degrees North Seafoods
Alaska Marine Response LLC
Rich & Shannon Alloway
Dr. Howard & Jean Baumann
Jeremiah & Kristie Beckett
Dr. Chris & John Booren
Tim Brabets

Danny & Kristin Carpenter
Chugach Alaska Corp.
Debbie & Dino Ciabattini
Alexis Cipo
Copper Valley Wireless
Cordova Telephone Cooperative
Currant Ridge Cabins
Janet & Donald Groschel
Jeff Guard & Dorne Hawxhurst
Anne & John Herschleb
Todd Hess
Kirk Hoessle & Gabrielle Markel
K & L Distributors
Yvette & John Delaquito
Ian Lindsay
Sue Kesti & Dan Logan
Cliff Eames & Ruth McHenry
Debra Miller D.M.D.
Pamela Moe
Diane & Greg Morgan
Eric Manzer & Molly Mulvaney
Kelly Neuman
Ninkasi Brewing
Orca Adventure Lodge
Pam Ore
Dr. Oliver & Eve Osborn
Peterson Welding and Machine
Matt & Nicole Piche
Riverside Inn & Childs
Glacier Tours
Arlene & Danny Rosenkrans
Shoreside Petroleum
Kate & Reid Smith
Brad & Denise Stern
Karen & Paul Swartzbart
Terry & Ann Talcott
Dan & Monica Ryan
Cliff Ward
Eric & Janice Wurga
Charlotte & Lance Westing
Katherine Wilson

WRANGELL PEAKS

CIRCLE, \$100-249

Acupuncture and Wellness of Cordova
Thomasina Andersen
Alaska Wild Seafoods
Luca & Chantel Adelfio
Rob Alexander & Chip Brown
Gabrielle Brown
Kate & Alex Arduser
Dave & Laura Beam
Robin & Skip Jensen
Bob & Joanie Behrends
Laurie Berger & John Jenkins
Dan Bilderback & Christine Sager
Mary Anne & Nancy Bishop
David Blount
Katie & Ben Bobowski
John & Patty Bodner
Stan Bradshaw
Jenny Brandt
Bonnie Lembo & Robert Bundy
Wade Buscher
Angela & Brian Butler
Dr. Rob Campbell
Cheryl Childers & Jim Bowers
Jim & Marilyn Chu
Becky Clausen & Dirk Lang
Copper Valley IGA
Cordova Gear
Cordova Outboard
Andy Craig & Seawan Gehlbach
Linda Crider
Crowley Petroleum Distribution
Mark Heidbrink & Becca Dodge
Jeanine Firmin & DeeAnn Haraughty

Sarah Ecolano & Rick Ballas
Carole Fisher
Forest Friend
Sandra Friendshuh
Toni Godes
Marnie Graham & Douglass Vollman
Cheri & John Grocott
Dick & Kay Groff
Michelle Hahn & Andrew Smallwood
Kent & Lynda Hamby
Vicky & Greg Hamm
Harborside Pizza
Stormy & Mary Haught
Jeff Hawley & Nancy Peterson
Sarah Hayes
Cynthia Hendel
Dr. Phil Hess
Amanda Highfield & Carson Tortorige
Teresa & Jim Holley
Elizabeth & Martin Hubbe
Dan McIntosh
Meg Jensen & Mike McQueen
Connie & Bill Jones
Cynthia Jones & Phil Oman
Patti Kallander
KCHU Public Radio
Ray & Linda Kelley
Adam Kenyon
R.J. & Barclay Kopchak
Ray Landgraf
Laura's Liquor Shoppe
Bill Leighty & Nancy Waterman
Bill & Renee Lindow
Kevin & Suzanne McCarthy
Jackie & Bryan McMahan
Nik Merlino
Brian Kovol
Mike Anderson Pottery
Virginia and Jack Miller
Steve Moffitt
Kate & Andy Morse
Howard Mozen & Elizabeth Schafer
MTI Adventurewear
Tessa Diem
New North Consulting, LLC
Old Town Copper Center Inn & Restaurant
Peter Bronz Pottery
Monika Reghetti
Reluctant Fisherman Inn
Laura & Neal Resnick
Larry Rinder
Elizabeth & Jim Robinson
Bruce & Kari Rogers
Bill & Mary Earl Rogers
Rich Rogers
Thomas Rohweder
Hugh Rose
David Rosenthal
Beth & Rich Schluter
Clair & Steffan Scribner
Cathy & Dixon Sherman
John Shine
Silver Fox Jewelry
Copper Oar Rafting
Theresa Tanner
The Hub of Alaska
Thea Thomas
Mark Vail
Gonzalo Villalon
Mike Webber & Katrina Hoffman
John & Kate Williams
Erika Wolter

RAVEN'S CLAN, \$50-99

Dawn Anderson
Kristy Andrew
Auklet Charter Services
Heidi & Matt Babic
Jeff Bailey & Helen Howarth
Shelly Balint
Bayside Storage
Karl Becker & Nancy Bird
Brittany Blain-Roth & Brett Roth
Mark & Janet Bloch
Paul Boos & Janelle Eklund
Alys Bowman
Shae Bowman & Joe Hamm
Brian Brockel
Bruce & Karen Butters
Casa de la Arte
Barbara Cellarius
John Cholish III
Bill & Diane Cobb
Joe & Belen Cook
Erin Cooper & Sean Meade
Current Rhythms
Nick & Lisa Docken
Arne Erickson
Rachel Ertz
Michael Ferraro
First National Bank Alaska
Alaska Fresh
Mark & Cindy Frohnappfel
Fromagio's Artisan Cheese
Robbe & Robin Gilmour
Glennallen Rustic Resort B&B
Chris & Leah Grey
Eva & Kim Hager
Diane & Kent Herschleb
Phil & Audrey Huffman
Margaret Hunt
Julie Jessen
Kinsey Justa
Kendra's Creations
Caroline Ketron
Alyssa Kleissler
& Curtis Herschleb
Knot Crazy!
Rodger & Gerri Koechling
Ben & Kaitlin Kramer
Cory & LeAnn Larson
Les & Joan Larson
Liz & Bill Larzelere
LFS Marine Supplies
Ann Mayo-Kiely
Molly McCormick
Kim Menster
Belle Mickelson
Henry & Marcia Milette
John & Sandra Myers
NAPA Auto Parts/Alaska Auto Center, Inc.
Dr. James & Katie Nelson
Pete's Treats
Jacob Peterson & Sarah Kathrein
Andy Pfeiffer
Beth Poole
Dan Reum
Julie & Brad Reynolds
Jonathan Riehle & Angela Bohmann
Sarah Robinson & Chris Rrp
Brian & Vera Rutzer
Dave Siegal
Jed Smith
Dana & Anita Smyke
John Stack & Barbara Solomon
Dotty Widmann
Lisa & David Totemoff
Barbara Vaile
Kenneth Van Gilder

Danielle Verna
Linda & Henry Wall
Gay & David Wellman
Amanda & James Wiese

KINGFISHERS, \$25-49

Sean Den Adel
Alaska Seafood Sales, Inc.
Lilly Goodman & Michael Allwright
Patience Andersen Faulkner
Emily Anderson
Kris Anderson
Mike Babic
April Beedle
Lauren Bien
Carla Bloomquist
Brian Charlton
Chistochina Bed and Breakfast
Erica & Dan Clark
Susanna Colloredo-Mansfield
Jessica Morningstar Hoover
Copper River Fleece
Cordova Realty
Peyton Coyner
Shelly Crowe
Judy & John Day
Miriam & Roger Dunbar
John Egger
Bob & Linda Flint
Signe & Jim Fritsch
Doug Fulton
Melissa & Jason Gabrielson
Madalyn Grahn
Heidi Hatcher
David & Judy Heller
Brooke Johnson
Kathleen & Chris Jones
Kate & Hamish Laird
Tom McGann & Sue Laird
Tom Lanini
Mike Mahoney
Robin Mayo
Stanton Moll
Sam O'Toole
Carl Paulsen
Pet Projects
Frederic Reid
Cathy & Micah Renfeldt
Melissa Sikes
Mary Sine
Dorothy & Tim Sine
Jessica Speed
Leif Stavig & Denna Francischetti
XOAK

SUBSISTENCE LIVING,

\$10-24

Dave & Sarah Abbott
Antler's Rest
Teal Barmore
Ezekiel Brown
Kayla & Sonny Bruno
Diane Ellsworth
Debra & Chip Ethier
Joshua Gold
Jared & Vivian Kennedy
Klutina Quilter
Joyce Levine
Jared Martin
Bill Novotney
Desiree Ramirez
Anne Schaefer
Margie Steigerwald
Diane Wilson

RIDGELINES: AROUND THE WATERSHED

GULKANA HATCHERY GOES SOLAR

BY STEVE HILTON

By the time the fish return to spawn next year Gulkana Hatchery will be fully powered by the sun. A 22 kilowatt solar power system is currently being installed at the hatchery's bunkhouse and the hatchery will be hooked up next year.

Until now Gulkana, part of the Prince William Sound Aquaculture Corporation (PWSAC) group of hatcheries, has been powered by diesel generators as there is no access to the electrical grid at its location in Paxson on the Richardson Highway.

The new system, designed and installed by Fairbanks-based company Renewable Energy Systems, will reduce and hopefully completely eliminate the use of fossil fuels at the hatchery and, as it will pay for itself within 4 years, lower costs to the company, according to Hatchery Manager Steve Hilton. He said: "It's exciting to install a renewable energy system at Gulkana and we're now the third out of five of PWSAC's hatcheries to predominately use renewable energy.

"Additionally we are always looking for ways to reduce overheads for the hatchery and PWSAC, and having the system pay for itself in a few, short years is an added bonus. It's a win-win situation for the company and the environment."

For more information about Gulkana Hatchery, visit <https://pwsac.com/hatcheries/gulkana/>.

Or contact Hatchery Manager Steve Hilton at steve.hilton@pwsac.com



NEW FISHING WEB GUIDELINES

BY SHAE BOWMAN

This fall marks the official reboot of the Fishing Web Recycling Program. We are working with the stakeholders and partners to create a structured business model for fishing web recycling that will allow us to provide long-term stability for the net recycling program despite fluctuations in the recycling market. CRWP used funds from the Rasmuson Foundation to purchase and install a new baler and conveyor belt in the City of Cordova Refuse Department baling facility. CRWP will use the baler to bale fishing web and aluminum cans so that we can efficiently ship the material to recycling facilities.

We have partnered with Net Your Problem and Grundens to connect to some new markets and increase participation in the recycling program. To celebrate Grundens is hosting an Instagram Gear Giveaway Contest for a chance to win Grundens gear for your entire crew! Find out how to enter the contest at cordova.netyourproblem.com.

"Grundens is proud to be a Sustainable Brand, working with Net Your Problem and CRWP to collect end of life fishing gear from fishermen in coastal communities. It is important that we use our brand voice and strength to protect and maintain healthy marine ecosystems and to encourage our customers to do the same. We hope that our support of fishing gear recycling will make it easier for fishermen to participate, and to encourage action on the issue of responsible gear disposal in Alaska and beyond."

- Grundens #netsourced



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COPPER RIVER
WATERSHED PROJECT



Newsletter

FALL 2020



- * Economics of Fish Habitat Restoration
- * Covid Creativity
- * CRWP team updates
- * Scavenger Hunt
- * Fish Net Recycling

TO

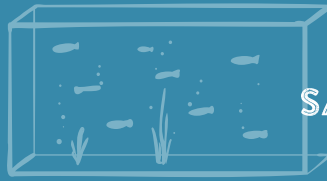
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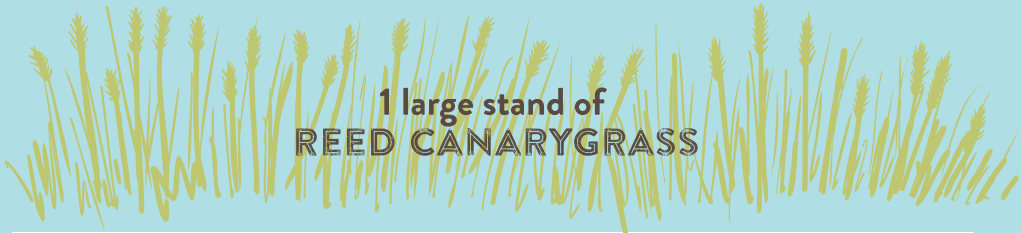
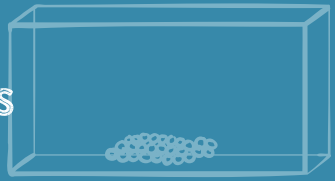
COPPER RIVER
WATERSHED
PROJECT

SOCIAL DISTANCING REFERENCE GUIDE

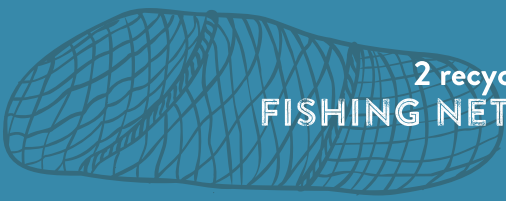
CRWP MISSION
The Copper River Watershed Project promotes a salmon-rich, intact watershed and culturally diverse communities by forming partnerships for watershed-scale planning and projects.



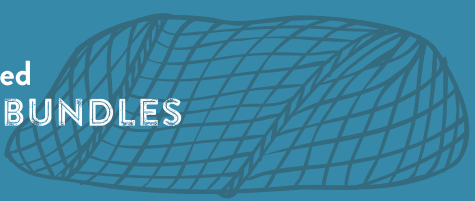
3 (35 gallon)
SALMON FISH TANKS



1 large stand of
REED CANARYGRASS



2 recycled
FISHING NET BUNDLES



1/3 of the width of our
FISH FRIENDLY CULVERTS