No Oil Terminal on the Columbia. October 29 Rally in Vancouver, Washington. | PHOTO BY ALEX MILAN TRACY
RIVER NOTES

A Letter from the Director

This edition of River Currents highlights community organizing and public participation. I’m sure that in 2013, more people than ever have showed up to protect the Columbia River. We’ve had huge coal hearings in Longview (800 people) and Vancouver (500 people, 400 more for oil), 100 volunteers sampling water quality, and numerous rallies to protect clean water. Throw in LNG, Hanford, and clean energy events and it is clear that people are committed to protecting our region. It’s certainly easier to stay on the couch, but you are making your voices heard. Thank you!

Riverkeeper is proud to fight for clean water with you. We help empower local communities up and down the river by providing organizing tools and expertise, and backing that up with legal and strategic policy support.

If you like what we do, please renew your membership or make a special year-end donation today. Knowing how hard our staff works, I know that Riverkeeper is a great place to send your tax-deductible gift.

Riverkeeper Executive Director, Brett VandenHeuvel
Fall Chinook Salmon Reach Hanford in Record Numbers

This fall, the Columbia River featured the strongest fall Chinook salmon run since 1938, when counting began at Bonneville Dam. More than 950,000 adult fall Chinook traversed the Bonneville Dam and more than 450,000 crossed McNary Dam into the Hanford Reach of the Columbia River. McNary Dam is the southern boundary of the 51-mile Hanford Reach—the most productive spawning ground for wild fall Chinook on the Columbia River.

The Hanford Reach cradles the Hanford Nuclear Site, the most contaminated site in the western hemisphere. Each year, groundwater contaminated with Tritium, Chromium, Strontium 90, Uranium, Technetium 99, and Iodine 129 leaches into the River, and the wild Chinook salmon spawning ground.

Biologists say the historic return resulted from a perfect combination of abundant food, cool ocean temperatures, and dam improvements. Now mature, this year’s record run travelled in search of perfect spawning habitat—clear waters flowing over cobblestoned bottom.

The ongoing success of the Hanford Reach spawning ground and record returns depends on our continuing efforts to prevent nuclear pollution from entering the River. Thousands of Chinook will build spawning nests, or redds, in the Hanford Reach. The female, or hen, cleans the silt and algae off the gravel and cobbles while building her nest, leaving a characteristic white clearing the size of a Volkswagen.

Next year maybe you can cast your line into the Columbia River in search of a fall Chinook, or stop by the Bonneville Dam to watch them navigate the fish ladder? Maybe you’ll see a Chinook swimming towards the Hanford Reach?
VICTORIES: SUCCESS

VOLUNTEERS ON THE RIVER

In 2013, Riverkeeper ran one of the largest volunteer monitoring programs in the West, and we are proud of our citizen scientists. Our volunteers monitored water quality, conducted habitat assessments, and completed river cleanups along 300 miles of the Columbia. We trained volunteers to use water quality probes, report pollution, and remove invasive species. Over 160 volunteers dedicated thousands of hours to provide important data and information to our staff. In addition to collecting data, we organized seven river cleanups, where 130 people removed over 5,700 pounds of trash from the river bank. We cleaned up parks, islands, and swimming beaches.

Riverkeeper expanded our popular Swim Guide smart phone app by adding 10 new beaches. Swim Guide helps people enjoy our river by providing water quality data for many swimming beaches. Because Oregon and Washington do not sample for E. coli at Columbia River swimming beaches, we collected samples at 39 beaches throughout the summer and provided real-time data via Swim Guide.

VICTORY OVER LNG

We pushed. We persevered. We prevailed. Clatsop County rejected Oregon LNG’s pipeline application! This is a victory that thousands of people have worked toward over the years. It’s a victory for salmon habitat, farmers threatened with pipelines, and our climate. Oregon LNG wants to place an unprecedented gas cooling plant and new marine terminal in the middle of a protected salmon nursery and export more gas than Oregon and Washington use combined. Fracking for gas and then supercooling it for export is dirty and energy-intensive. We started 2013 off with a community tour of the proposed site. In the spring, the Supreme Court rejected Oregon LNG’s frivolous effort to block the Clatsop County vote. In the summer, we prepared legal arguments on why the County should reject LNG, and in the fall, Staff Attorney Lauren Goldberg presented to the County with 100 supporters in the room. Looking ahead, Oregon LNG will, of course, push forward in with legal challenges. But we are going to savor this as a major victory, and be ready to defend it in 2014.

Your support powers this work.
STORIES OF 2013

PLAYING FOR KEEPS: COAL EXPORT

It’s been a wild ride in 2013. Not willing to be bullied by Big Coal, we redoubled our effort and took the offensive. Three of the six coal export terminals folded, including the large Kinder Morgan proposal on the Columbia!

We exposed coal dust polluting the Columbia River, and we told a broad TV audience that new export terminals would make it much worse. Riverkeeper and allies filed a lawsuit to stop coal pollution into our river and Robert F. Kennedy, Jr. invited us onto his national radio show to tell the story. We dominated public hearings in Oregon and Washington where thousands of people stood together to say we can do better than dirty coal.

On September 17, we exceeded our goals in Longview, Washington, for the Millennium coal hearing by having 800 people stand up to oppose dirty coal. A Longview pastor, doctor, and transportation expert joined a Montana rancher to hold a press event objecting to coal. This “big tent” of broad opposition is getting bigger, and that is the reason we are winning.

ENFORCEMENT: CLEAN UP THE DAM OIL

After two years of investigating oil spills from Columbia River dams, Riverkeeper took action. We sued in federal court to reduce or eliminate the hundreds of spills each year, plus the unreported oil that leaks into the River on a daily basis. Oil, of course, harms fish and wildlife, and also may contain toxic chemicals. The Chief Joseph Dam, for example, spilled 1,500 gallons of oil into the Columbia that contained cancer-causing PCBs 14,000,000% above the state water quality limits.

This case is important, and will be watched across the nation, because most Columbia River dams do not currently have discharge permits. Nearly every other facility that discharges pollution into the River is regulated with limits in a permit, but so far the Army Corps of Engineers who operate the dams have refused to follow the Clean Water Act. The Army Corps’ sister agencies have failed to step in, so Riverkeeper is filling the gap. This case is drawing attention to the pervasive problem of oil discharge on the Columbia, and we look forward to creating an oil-free Columbia in our future.

Thank you for standing up to protect our River.
Me and Bill: Why McKibben Joined Me on the Columbia

This summer Bill McKibben sat next to me as I launched the Riverkeeper jet boat from Vancouver, Washington. Bill is co-founder of 350.org, an international organization leading the grassroots fight against climate change. As a long-term author, researcher, and activist, Bill is deeply concerned about the proposed Tesoro oil terminal at the Port of Vancouver—we pointed the boat in that direction. At 360,000 barrels of oil per day, the planned terminal in Vancouver is nearly 42% of the Keystone XL capacity. If the fossil fuel industry has its way, the Columbia River’s reputation for salmon runs, recreation, and spectacular vistas would all change. But, they won’t get their way. I’m sure of it.

As I navigated the Columbia River current and the sun broke through the morning clouds, Bill answered questions from the journalists onboard. He emphasized the global significance of three of Riverkeeper’s campaigns: coal, oil and LNG. He reminded the journalists, who would later turn the interview into front page news, that the Northwest is a key battleground for a healthy planet. If the fossil fuel companies vying for port space on our river can’t ship it, the carbon stays in the ground.

When Bill made it back to dry land my paranoia about sinking one of the leaders of climate move-

tment subsided. I wrestled with the weight of Bill’s words - how he connected the dots between Riverkeeper’s campaigns and the fight for a livable climate future and how those who love recreating, fishing, or living along the Columbia River have a responsibility in this fight. This is heavy stuff. Fortunately, we are dedicated, well organized, and not alone. After the Columbia River boat tour, Bill spoke to a packed house of 400 at Clark College in Vancouver. Ten days later, in an unprecedented display of peaceful resolve, Portland Rising Tide and 350.org rallied over 800 people from across the Northwest on land and water to demonstrate our determination that the Columbia River will not become a fossil fuel highway.

In an email after he left the Northwest, Bill said this to say about our work: “this is one of the hottest fronts in the fight for a livable climate, and you know what? The folks on the ground doing the fighting are so good that the fossil fuel barons should be at least a little nervous. Game on!” Bill’s right. Game on. See you out there!

Article by Jasmine Zimmer-Stucky, Columbia Riverkeeper’s Community Organizer
This September the Oregon Health Authority (OHA) and the Washington Department of Health (DOH) issued new fish advisories for a 150-mile section of the Columbia River above Bonneville Dam. Due to mercury and PCB (polychlorinated biphenyls) contamination, these advisories recommend limiting consumption of resident fish, such as bass, bluegill, yellow perch, crappie, walleye, carp, catfish, suckers, and sturgeon. OHA and DOH recommend no more than one fish meal per week from the 150-mile stretch above Bonneville, and not eating fish from the one mile reach upstream of Bonneville Dam to Ruckel Creek. OHA and DHA consider a “meal” of fish to be the size of the palm of your hand. Riverkeeper believes keeping the public informed is vital to protecting human health. But the solution to contamination problems is not to issue more fish advisories. Instead we must reduce the amount of toxic pollution in our River so that everyone can consume Columbia River fish without the fear of getting sick.
Game Changer: Clatsop County Rejects Oregon LNG’s Pipeline

The vote was unanimous. On October 9, 2013, the Clatsop County Board of Commissioners voted down the Oregon LNG pipeline. The Board received a standing ovation from an overflow crowd in Astoria, the majority of which were wearing red shirts to signify their opposition to Oregon LNG’s proposal.

Longtime Riverkeeper volunteer and retired librarian Cheryl Johnson summed up the feeling in the room. “We are thrilled that our Commissioners have chosen to respect the overwhelming testimony of their constituents,” explains Johnson. “The people of Clatsop County have been very clear: we value our farms, our forests, and our Columbia River, and we oppose the Oregon LNG export project.”

Oregon LNG spent over two years attempting to delay the hearing by the Board of Commissioners, but their legal efforts failed. In the meantime, Oregon LNG converted its project from a proposal to import natural gas to a proposal to liquefy and export gas. Without approval from the County, the project cannot be built.
OUR FIGHT CONTINUES

Is this the final straw for Oregon LNG?

We hope so. The next step in the process is for Oregon to tell the Federal Energy Regulatory Commission (FERC) that the project violates Oregon’s management plan under the Coastal Zone Management Act (CZMA). FERC cannot approve an LNG license unless the project is consistent with the CZMA.

Here, the project is not consistent because Oregon’s coastal plan states very clearly that a project must comply with county land use laws. Therefore, Oregon must reject the project.

What about preemption?

Oregon LNG’s new favorite line is that Clatsop County’s decision-making is preempted by federal law. Not true. While the Natural Gas Act does say that FERC has the exclusive siting authority for LNG terminals and pipelines, the law expressly states that FERC cannot trump the CZMA. Practically, if Oregon LNG really believed that Clatsop County’s laws are preempted, Oregon LNG would not have applied to the county in the first place.

So, if Oregon LNG’s stray of endless legal challenges continues, they might now challenge Oregon’s denial of the coastal zone certification. Or they might challenge Clatsop County’s pipeline denial to the Land Use Board of Appeals. Is the fight over? No. But Oregon LNG clearly faces an uphill battle.

RIVERKEEPER MEMBER LAURIE CAPLAN RECOUNTS HER FEELINGS FOLLOWING THIS LONG-AWAITED VICTORY

Here are some inspiring numbers: The Commissioners voted 5 – 0, unanimously, to DENY the Oregon LNG Pipeline. The hearing lasted four hours, till about 7:30 pm. The commissioners deliberated over specific findings, county rules, Goals, and the Comprehensive Plan. They were intent on doing the hearing as thoroughly as possible, and according to law.

Some 80+ NO LNGers rallied on 9th and Commercial – many were there 30 minutes before our official start time! See the determined, upbeat, and enthusiastic NO LNGers in the photo.

At least 100 people – virtually all NO LNGers, except for county commissioners and staff – filled the hearing room to standing-room-only.

Columbia Riverkeeper attorney, Lauren Goldberg, was calm, composed, respectful, knowledgeable, and spot-on in her presentation to the county commissioners.

Stick with us as we go ONWARD TO VICTORY!
In September, the U.S. Department of Energy (Energy) released a blueprint for dealing with the design problems at Hanford’s troubled Waste Treatment Plant (the WTP). The Hanford Tank Waste Retrieval, Treatment, and Disposition Framework (the “Framework”) starts an open conversation to address the risks and challenges to completing the WTP. But, it sidesteps some tough technical issues and fails to address the need for new tanks at Hanford. It leaves us asking for more specifics on the future of Hanford’s nuclear waste and how Energy will keep nuclear and chemical waste from leaching into the ground.

In June 2012, Energy halted construction at the WTP after admitting the design might present serious safety risks. The thirteen billion dollar WTP, a highly complex nuclear and chemical processing facility, is designed to immobilize 56 million gallons of Hanford’s nuclear and chemical waste in glass logs. The waste is a byproduct of 45 years of World War II and Cold War plutonium production. See graphic on page 11 of how the WTP is supposed to work. But, technical issues plague the Pretreatment Facility, creating a bottleneck to processing any radioactive waste. Energy’s most promising solution involves routing low-activity waste around the Pretreatment Facility.

Low-activity waste (consists primarily of the liquid portion of the tank waste) makes up 90 percent of the waste stored in the tanks, but only 10 percent of the radioactive content. So, treating this waste and immobilizing it from the environment as soon as possible makes sense. Energy will research whether they can build an interim pretreatment system for low-activity waste. But, the Framework provides few details on how this will be done, the cost, or regulatory hurdles.

The Framework provides a less specific solution for treating the high-level waste. This waste is primarily sludge and saltcake. Immobilizing high-level waste requires resolving big issues such as hydrogen gas buildup, criticality due to plutonium buildup, material failure in the black cells, erosion of the WTPs vessels and piping, and line plugging. Five technical teams are working to resolve these issues, but the schedule for their research extends beyond 2014.

In the meantime, nuclear waste continues to leak from the underground storage tanks into the environment. The Framework fails to address the immediate need for new tanks at Hanford and threatens to take much needed resources away from immediate, shovel-ready cleanup, like getting waste out of leaking tanks or building new tanks.

This Framework is essentially a plan for a plan. It highlights, once again, Hanford’s complexity. It reminds us that solutions require time, ingenuity, and talent. But, in the meantime, Energy has an obligation to make sure that nuclear waste does not escape from the underground storage tanks, into the ground, and, eventually, the Columbia River.
Vitrification Process

1. At the WTP Pretreatment Facility, liquid waste is separated into two streams — high-level and low-activity radioactive waste.

2. Waste is prepared for the vitrification process by mixing it with silica and other glass-forming material to form a slurry mixture.

3. The mixtures are fed into high-temperature melters where they are heated with electrical current for several days to form a molten glass.

4. The molten material is then poured into large stainless steel containers or canisters and returned to a solid state by cooling for several days.

5. The containers and canisters are sealed and decontaminated.

6. The low-activity radioactive waste containers are stored in a lined trench on site. The high-level radioactive waste canisters are stored until shipped to a federal facility for permanent disposal.
Riverkeeper volunteers removed over 5,700 pounds of trash from the banks of the Columbia this year.

Thank you to everyone who participated!
Community Organizing in Action

Guest Article by Diane Dick, Cowlitz County resident & Landowners and Citizens for a Safe Community member

How do we rally 800 community members in Longview to oppose coal export at a public hearing? How many phone lists do you need to call through to pack an expo center? Who can provide resources to send thousands of postcards or email an action alert? How do you create a functioning database of volunteer information? That is the specialized knowledge that makes a community organizer invaluable to local volunteers with plenty of enthusiasm but little expertise.

Community organizers bring tools to that table that motivate people into action and serve as the glue for information gathering and sharing. They coordinate ways to bring people together to set and achieve goals for a successful campaign. They identify roles to engage volunteers with unique skill sets and provide opportunities to act in concert with the group’s goals.

Opposing the proposed Millennium coal terminal in Longview required members of Landowners and Citizens for a Safe Community (LCSC) to become experts about the dangerous impacts to the community from coal export. While LCSC is fortunate to have committed local leaders willing to step forward, the work of Columbia Riverkeeper’s Com-

munity Organizer, Jasmine Zimmer-Stucky, has been immeasurable in helping us realize our goals.

In the months leading up to the September 17, 2013 public hearing in Longview, Washington, Jasmine spent countless days and nights in Longview. She and the organizers of our environmental partners provided the nuts and bolts of campaigning, like running a field office, constructing email lists, and conducting phone banks and doorbelling events.

Her public relations skills helped engage the media and spread our message to a broader audience. Our meetings were focused and effective thanks to her guidance. She helped us network with groups and individuals to deepen our knowledge and leverage our impact. Even more, Jasmine brought with her the support of the entire Columbia Riverkeeper crew and their vast experience of protecting the Columbia River. Through encouragement and her amazing ability to tap into an individual’s unique skill set, she engaged us all in ways that helped us be most effective in our roles. And, this is helping us win our campaign.
THANK YOU SUPPORTERS

Riverkeeper Supporters July 1, 2013 -- September 30, 2013

A.J. O'Connor    Anthony Arinstg    Candace Brainard    Janice Castle    Joanne Molony    Julie Wainwright    Kim Robinson
A.L. Osborne    Antoinette Jaffe    Caprice Anderson    Janice Harvey    Joanne Rideout    Justin Koebeler    Kirstin Schumaker
Aaron Antrim    Antoinette Reno    Cara Moore    Janice Hayden    Joan Reid    K. Briggs    Kij McIntyre
Aaron Cook    Antonio Furtz    Carla Solis    Janice Milani    Jocelyn Windsor    Kaaren Ponto    Kris Ellingsen
Abigail Mages    April Coppini    Carl Johnson    Janis Williams    Jocelyn Goodall    Kaleb Padilla    Kris Gann
Adam Levine    April Simon    Carmen Cerruti    Jan Myers    Jody Greene    Karen Belsey    Kristen Knapp
Adele Late    Arthur Hauge    Carol Burgdorf/Lackes    Jan Zuckerman    Joel Goldstein    Karen Davis    Kristen Seidman
Aila Sanchez Moore    Arthur Steinhorn    Carol Franklin    Jared Abraham    Joel Velasco    Karen Garber    Kristin Lee
Alan Ames    Aziz Gaziyura    Carol Ghaffari    Jared Smith    Joe Pallett    Karen Gatens    Kristin Mihalko
Alan Hed    Barbara Begleries    Carol Murray    Jason Rappaport    Johanna Metzger    Karen Johnson    Kristen Teigen
Alan T Pennington    Barbara Elliott    Carol White Rapp    Jay Lyman    John Anderson    Karen K Jones    Kurt Mottweiler
Alenka Grealis    Barbara Ellsworth    Carolyn Gassaway    Catherine Arp    John Bayer    Karen Klug    Larry Berkley
Alexandra Lowell    Barbara Lusch    Catherine Arp    Jean Berg    John Bleakmore    Karen Lewis    Larry Brandt
Alex Todd    Barbara Neidig    Catherine Lopez    Jean Delmonico    John Buckley    Karen Schrader    Larry David
Alex Brown    Barbara Scott-Brier    Catherine Morrison    Jeanette Wassgren    John Cartnell    Karin Temple    Larry Martin
Alice Gray Gregory    Barbara Swails    Cathy Vanderhall    Jean Fitzgall    John D’Avolio    Karla Urbanowicz    Larry Wenberg
Alicia Snyder-Carlson    Barbara Willer    Celia Davis    Jeanne Gudagian    John Dimoff    Kasandra Griffin    Laura Stevens
Allen Neuringer    Barh Mahoney    Chadd Garvans    Janne Hawthorne    John Garvey    Kasey Zimmer-Stuckey    Laureen Nussbaum
Allie McCoy    Bart Nikolais    Chandra Mack    Jeanne Steahil    John Godfrey    Kate Morris    Laurel Boardman
Allison Feldman    Baubw Tucker    Charles Amberson    Jean Tyler    John Green    Kate Murray    Laurel Bushman
Amanda Lawrence    Becki Wallace    Charles Harold    Jed Wingesmith    John Hoffmman    Kate Towers    Laurel Caplan
Amanda McLaughlin    Beech Burns    Charles Stephens    Jeff Gersh    John Logue    Katharina Marlaun    Lauren Bodner
Amanda Myers    Belinda Kruger    Charles Webster    Jeff Haigerty    John Loomis    Katherine Danofrio    Laurilyn Hepler
Amber Wilson    Bena Green-Placencia    Chelsea Babbish    Jeff Hopper    John MacPhail    Katherine Giachetti    Launna Gordon
Amelia DeVaal    Benjamin Hall    Cheryl Johnson    Jeff Kilmer    John Maroney    Katherine Manculay    Laverne Cardwell
Amelia Land    Bernard Silvernail    Cheryl Meyers    Jeff Lyster    John Mincoll    Katherine Rowan    Lawrence Shadbolt
Amie Wexler    Bethany Thomas    Chris Anderson    Jeffrey Weih    John Nelson    Katherine Soysa    Leah Gronner
Ami Prevec    Beth Doglio    Chris Arthur    Jeff Whitman    John Ogle    Katherine Valls    Leah Nagengast
Amy Bottinelli    Betty Rice    Chris Farrington    Jeff Witteraker    John Parkhurst    Kathleen Lovrien    Moe
Amy Carlson    Betsy Zucker    Chris Mele    Jennifer Maganty    John Pierce    Kathleen Mattson    Lee Armstrong
Amy Moran    Betty Allen    Christa Kriesel-Roth    Jennifer Bonas    John R Wish    Kathleen Rollands    Lee Kuhl
Amy Rennett    Betty Brumman    Christian Stein    Jennifer James    John Stapp    Kathryn Bass    Lego Love
Andrea Kaady    Betty Paddock    Christie Little    Jennifer Kelley    John Thompson    Kathryn Clowes    Lelio Montagnoli
Amelia Lando    Bill Farver    Christina Pollatsky    Jennifer Kyley    John Whittleson    Kathryn Jorgenson    Lene Stangel
Andrea Sustaita    Bill Leigh    Bill McLeman    Jennifer Reece    Jo Pomeroy-Crockett    Kathryn Sundermann    Leon Fabrycki
Andrew Butterfield    Bill McLean    Christie Little    Jennifer Stagger    Jordan McCann    Kathy Koontz    Leon Jackson
Andrew Crosby    Bob Cogan    Christina Pollatsky    Jennifer Stoller    Joseph Craig Kerbow    Kathy Littfield    Lesley Buhman
Andrew E Berlinsberg    Bob Currey-Wilson    Iliona Schoumas    Jenn Stroud    Joseph Gerber    Kathy Robertson    Leslie Baran
Andrew Howell    Bob Deal    Jack Bradley    Jenny Bedell Stiles    Josephine Drew    Kati Dunn    Leslie Dolin
Andrew Markell    Bob McFarlin    Jeff Reynolds    Jerry Atkin    Joseph Johnson    Katie Gold    Leslie Evnig
Andrew Wardenaar    Bonnie McDonald    Jack Marinovich    Jett Butterwurtz    Joyce Foster    Kayrene Beck    Lewis Richardson
Andrew Wedlake    Brad Combs    Jack Woolf    Jessica Spies    Joyce Kindschuh    Keegan Quinn    Linda Anderson
Andy Atkins    Bradley Tebo    Janet Zunka    Jill Bennett    Joyce Sauber    Jordan McCand    Linda Biley
Angela Molloy Murphy    Brandon Ellis    James Cecil    Jill Coyle    Joy Lasserter    Kevin Cavazza    Linda Boly
Anne Connell    Brandon Harris    James Hicks    Jill Miller    Joy Wilkins    Kelly Bryan    Linda Holtman
Ann E Gravatt    Brenda Fernandes    James Hochsten    Jill Thirchero    Judith Irene Malmin    Kelly Bjornsen    Linda Magee
Ann H Dupuy    Brendan Atvirst    James Quinn    Jim Browne    Judy Doresser    Kelly Scott    Linda Mason
Ann Eldredge-Burns    Brenna Legaard    James Ray Arnold    Jim Hominuk    Ken Dragoon    Kenndy Price    Linda Rankin
Anne-Marie Claire    Brent Forever    Jane Cowfrey    Jim Miller    Judy Ludwesgen    Kenneth Price    Linnae Angerinos
Ann Marie Standley    Brent Haddaway    Jane Palmieri    Jim Myaky    Julianne Hiefield    Kenny Simpson    Lisa Anne Brown
Annnc McEnnery-Ogle    Breton Sprinkling    Janet Rosenthal    Jim Pidgeon    Julie Frieder    Kerstin Adams    Lisa Colaser
Anne Thompson    Brian Samore    Janet Splidboel    Jim Reilly    Julie Manley    Kevin Snyder    Lisa Regimbel
Annette Bridges    Brian Zoeller    Janet Tapper    J.Kirk Leonard    Julie Marshall    Kevin Steinberg    Lisa Solis
Annette Butler    Bruce Geis    Jan Gannan    Joan Bloch    Julie Marston    Kevin Steiner    Lisa Stevens
Anne Walsh    Bruce Seiler    Jan H Faber    Joanna McCulley    Julie Missal    Kimberly Rosskelley    Liz Chambers
Ann Smits    Caitin Wright    Jan Hugs    Joanne Lajoce    Julie Pedersen    Kim Gault    Lori Benton
Ann Turner    Cameron Saunder    Jan Hurst    Joanne Molony    Julie Wainwright    Justin Koebeler

COLUMBIA RIVERKEEPER | Fall 2013
RIVER CURRENTS
FALL 2013 NEWSLETTER

Bald Eagles in the Columbia River Gorge. | PHOTO BY PALOMA AYALA