



CONFERENCE

Expectations



November 15 & 16 | Coeur d'Alene Resort

AGENDA

Tuesday, November 14th

"Our Gem" Coeur d'Alene Lake Symposium

Wednesday, November 15

8:15 - 9:00 Coffee and Welcome

Bay 4-6

City of Coeur d'Alene Mayor

Steve Widmyer

9:00 - 10:00 Plenary Session

Expectations: Our Generational Investment

Bay 4-6

City of Spokane Mayor David Condon

Allyson Beal King, Washington

State University

10:00 - 10:15 Break

10:15 - 11:45 Concurrent Sessions

Redband Trout and Spokane River Wild Fish Management Planning

Kidd Island/North Cape

Harvey Morrison, Spokane Falls Trout Unlimited

Chuck Lee, WA Department of Fish and Wildlife; Casey Flanagan, Spokane Tribe of Indians; Bruce Kinhead, Coeur d'Alene Tribe of Indians

Natural resource managers will fill in the gaps of what's known and not known to support redband trout and wild fish management planning in the Spokane River Basin. Presentations include updates on habitat and fishery assessments with follow-up discussion on what data and scientific information are needed to build a management schema that promotes wild fish populations.

Managing Metals and the Environment in the Coeur d'Alene Basin

Bay 1

Mark Solomon, University of Idaho - Idaho Water Resources Research Institute

Ed Moreen and Kim Prestbo, EPA; Dale Chess, Coeur d'Alene Tribe of Indians

What is the environmental fate of 75 million tons of metal contaminated sediments at the bottom of Coeur d'Alene Lake? It is complex: from zinc-contaminated groundwater to lake nutrient loading. And it is evolving as research moves us closer to understanding our responsibilities to the lake's future.

[Register »](#)

AGENDA (continued)

Wednesday, November 15

10:15 - 11:45 Concurrent (continued)

Stormwater Management, BMPs and Outreach in Spokane and Kootenai Counties

Casco Bay

Tonilee Hanson, Spokane River Forum

Alyssa Gersdorf, Idaho Department of Environmental Quality; Rick Barlow, Panhandle Health District; Art Jenkins, City of Spokane Valley

Human activities can alter the volume and timing of stormwater runoff along with the introduction of contaminants that can have negative impacts on water quality. Increasing populations can result in more stormwater runoff and the need to manage it to protect ground and surface water. Updates on regulation, technology, best management practices and public outreach will highlight priorities and directions being pursued.

11:45 - 12:45 Lunch

Bay 4-6

12:45 - 1:45 Plenary Session

Water Collaboration Among Sovereigns

Bay 4-6

Candice McHugh, McHugh Bromley, PLLC; Adam Gravley, Van Ness Feldman LLP; Barbara Cosens, University of Idaho College of Law

Gary Spackman, Director Idaho Department of Natural Resources; Terry Pickel, City of Coeur d'Alene

1:45 - 2:00 Break

2:00 - 3:30 Concurrent Sessions

Irrigation Design Standards: Economical, Practical and Sustainable

Casco Bay

Jeremy Jenkins, Liberty Lake Sewer and Water District

Bijay Adams, Liberty Lake Sewer and Water District; Ryan Mattison, Horizon Distributors: Irrigation Landscape and Supply; Nichole Baker, City of Moscow; Art Garro, City of Pullman

Irrigation of lawns is the single largest use of water. Design standards for irrigation efficiency can dramatically improve water conservation, protect long term water supply and reduce the need for building costly infrastructure. Learn how irrigation and landscape efficiency can be achieved with water efficient products, drought tolerant plants and Wisescape® planning.

Sustainable and Natural Alternatives to Achieving Clean Water

Bay 1

Adam McClymont, CH2M

Greg Moller, University of Idaho; Mark Madison, CH2M

Wastewater treatment often requires a trade-off between cost, input, and carbon footprint to produce higher water quality. One presentation will be on the University of Idaho Clean Water Machine: Harnessing nature for sustainable solutions to the grand challenge of clean water. The second presentation will discuss existing methods and the development of alternative solutions using technology borrowed from nature to remove phosphorus.

All Things Lake Spokane

Kidd Island/North Cape

Karin Baldwin, WA Department of Ecology

Rich Sheibly, USGS; Chris Moan, Meghan Lunney and Rene Wiley, Avista; Paul Pickett, WA Department of Ecology

Lake Spokane is the subject of studies and efforts to improve water quality, fishing, and recreational opportunities. Come learn the latest about the USGS's groundwater study; Avista's carp removal, water quality monitoring and recreational support; and what Ecology found out about other dissolved oxygen studies on lakes and reservoirs.

[Register »](#)

AGENDA (continued)

Wednesday, November 15

3:30 - 3:45 Break

3:45 - 4:45 Concurrent Sessions

Water Without Borders: Regional Success Stories

Casco Bay

Terry Pickel, City of Coeur d'Alene

Bijay Adams and Jeremy Jenkins, Liberty Lake Sewer and Water District; Mike Galante, North Kootenai Water and Sewer District; Dan Kegley, City of Spokane

Wondering what's being done to conserve water and increase efficiency? Learn how water purveyors in Idaho and Washington are increasing water system efficiency by conducting water audits, leak detection and pipe condition assessments. Find out how to strengthen consumer water conservation with summer watering schedules, tiered rate structures and awareness campaigns.

Local, Sustainable and Natural Alternatives to Achieving Clean Water

Bay 1

Adam McClymont, CH2M

Amanda Parrish, Lands Council; Kyle Twohig, City of Spokane

What do mushrooms, storm gardens, trees and sidewalk silva cells have in common? They are local approaches to help achieve clean water standards. From reducing PCBs to decreasing stormwater runoff requiring treatment, learn the what, why and how.

Healthy Waters, Healthy Streams for WA: Strategies for Local and Statewide Advocacy

Kidd Island/North Cape

Jerry White, Spokane Riverkeeper

Katelyn Kinn, Puget Soundkeeper

From enforcement to education, review and discussion of local and statewide strategies being employed by leading clean water advocacy groups to reduce direct and nonpoint source pollution.

[Register »](#)

Thursday, November 16th

8:15 - 9:00 Coffee and Welcome

Bay 4-6

9:00 - 9:50 Plenary Session

Green Chemistry and Engineering: Solving End of Pipe Problems with Up Front Design

Bay 4-6

Dr. Lauren Heine, Northwest Green Chemistry Executive Director

9:50 - 10:15 Break

10:15 - 11:45 Concurrent Sessions

Spokane River Permits: Tools and Strategies for Achieving Clean Water

Bay 1

Adriane Borgias, WA Department of Ecology

Learn about PCBs in the Spokane River, what we know about them and what we are doing to control the sources. Ecology has a number of tools available to issue water quality permits. Find out what Ecology heard from a range of stakeholders and what that means as we move forward with Spokane River permits.

Addressing Nonpoint Pollution by Combining Incentives, Technical Assistance and Enforcement

Bay 2

Chad Atkins, WA Department of Ecology

Ben Rau, WA Department of Ecology

Non-point pollution is "polluted run-off" from our streets, forest lands, farms, and other sources. Non-point pollution is unpermitted and can be difficult to manage, but it represents a significant portion of the pollution in the Spokane River watershed. The Department of Ecology will discuss the various tools it uses to tackle this challenging issue.

AGENDA (continued)

Thursday, November 16th

10:15 - 11:45 Concurrent (continued)

Algal Blooms and Invasive Aquatic Weeds Casco Bay

**Frank Wilhelm, University of Idaho
Department of Fish and Wildlife
Sciences**

*Darren Brandt, Advanced Eco-Solutions;
David Armes, Avista; Ben Scofield, Coeur
d'Alene Tribe of Indians*

Algal blooms and invasive aquatic weeds are persistent and chronic in our waterways. This session begins by helping the audience understand the environmental and species interactions that affect outbreaks and management responses from year to year. Research and management strategies underway at Dworshak Reservoir, Fernan Lake, Lake Spokane and Lake Coeur d'Alene will give practical insight into current challenges and management options employed.

11:45 - 12:45 Lunch

Bay 4-6

12:45-- 1:45 Plenary Session

Aligning Farmers, Agriculture and Clean Water

Bay 4-6

**Cherilyn Nagel, Farmer and Director of the
Global Farmer Network**

*Chad Atkins, WA Department of Ecology; Jerry
White, Spokane Riverkeeper; Bob Sievers,
Farmer*

1:45 - 2:00 Break

2:00 - 3:30 Concurrent Sessions

Spokane River Toxics Monitoring Results Bay 1

**Kara Whitman, Washington State
University**

*Brandee J. Era-Miller and Siana Wong,
WA Department of Ecology*

Scientists from the WA Department of Ecology's Environmental Assessment Program (EAP) have been conducting studies to characterize toxic chemicals in the Spokane River Watershed since the 1990's. This session will focus on the results of recent studies assessing PCBs, PBDEs, dioxins and metals in surface water, sediments, fish and air.

Agriculture, Nonpoint Source Pollution, and Regulation: Combining Voluntary Incentives

Bay 2

**Elaine Snouwaert, WA Department of
Ecology**

*Walt Edelen and Ty Meyer, Spokane
Conservation District; Amanda Parrish, Lands
Council; Chris Eckhart, Eckhart Farms LLC*

The Spokane River Watershed is experiencing a spike in regulatory presence. Funding, partnerships, innovation, and coordinated voluntary approaches are also on the rise. Learn about these programs, activities, and opportunities to address non-point source pollution while improving habitat, soil health, and maintaining the viability and importance of local agriculture.

Recirculating Our Dollars: Delivering Environmental and Economic Value Through the Circular Economy

Casco Bay

Erik Makinson, Resource Synergy

*Kris Major, City of Spokane; Doug Krapas,
Inland Empire Paper*

What if environmental conservation and economic growth were not mutually exclusive? Through reusing, repurposing, repairing and recycling, we are turning what was waste into valuable resources, job creation, and entrepreneurial opportunities. The framework for a circular economy and local examples in government and industry provide a view of the future.

[Register »](#)

AGENDA (continued)

Thursday, November 16th

3:30 - 3:45 **Break**

3:45 - 4:45 **Concurrent Sessions**

Creating a Vision for Toxics Reduction with Public Outreach

Casco Bay

Kara Whitman, Washington State University

Tonilee Hanson, Spokane River Forum; Andy Dunau, Spokane River Forum; Mike LaScuola, Spokane Regional Health District; Rick Barlow, Panhandle Health District

What do the Spokane River Toxics Task Force, Spokane Aquifer Joint Board, Kootenai Aquifer Protection District, state agencies, county pretreatment programs, county health districts, non-governmental organizations and others have in common? Public outreach programs designed to reduce or mitigate toxics and other contaminants of concern entering our river and aquifer system. This session will provide an overview of programs and brainstorm ways to leverage resources and actions.

Nonpoint Source Pollution Successes and Challenges

Bay 2

Charlie Peterson, Spokane Conservation District

Scott Fields, Coeur d'Alene Tribe of Indians; Diane Partridge, Idaho Department of Lands; Seth Flanders, Spokane Conservation District

Learn about Idaho and Washington State efforts to restore habitat and protect water quality throughout the Greater Spokane River Basin. Presenters will provide examples of forest and agricultural practice successes, innovations and associated challenges in addressing non-point source pollution.

[Register »](#)



The Spokane River Forum is a non-partisan, nonprofit organization creating materials, events and activities that promote regional dialogs for sustaining a healthy river system while meeting the needs of a growing population.