



## IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

P.O. Box 1822  
Post Falls, ID 83877

Dan Kegley - President  
Terry Pickel - Vice President  
Rob Lindsay - Secretary  
Ron Wilson - Treasurer  
Mike Galante – Past President

Our Water. Our Future.

The Idaho Washington Aquifer Collaborative (IWAC) works to maintain and enhance water quality and quantity for present and future generations by developing management strategies which benefit the Spokane Valley Rathdrum Prairie Aquifer and the Spokane River watersheds.

December 11, 2018 1:30 – 3:30 PM, Liberty Lake Sewer and Water District

### Representatives Present

	Organization	Representative	Email Address
	Avista	Chris Moan	chris.moan@avistacorp.com
	Avondale Irrigation District	Bob Chandler	bobchandlercda@gmail.com
	Bar Circle S Water Company	Rob Turnipseed	avondalecon@frontier.com
√	City of Coeur d’Alene	Terry Pickel	tpickel@cdaid.org
	City of Post Falls	John Beacham	jbeacham@postfallsidaho.org
√	City of Spokane Water Department	Dan Kegley	dkegley@spokanecity.org
√	Coeur d’Alene Tribe of Indians	Laura Laumatia	llaumatia@cdatriben-nsn.gov
	Consolidated Irrigation District No. 19	Shane Sheppard	consolidatedirrigation@comcast.net
√	East Greenacres Irrigation District	Ron Wilson	ron@eastgreenacres.org
	Hayden Area Regional Sewer Board	Ken Windram	ken@harsb.org
	Hayden Lake Irrigation District	Branden Rose	branden@haydenirrigation.com.
√	Liberty Lake Sewer and Water District	BiJay Adams Jeremy Jenkins	bijay@libertylake.org jjenkins@libertylake.org
	Moab Irrigation District	Scott Inch	moabirr20@gmail.com
√	Model Irrigation District	Rick Neal Ryan Neal	rick@modirr.org ryan@modir.org
	Modern Electric Water Company	Bryan St Clair	bstclair@mewco.com
√	North Kootenai Water & Sewer District	Chris deGroot	chrisd@nkswd.com
√	SAJB Program Leader	Tonilee Hanson	sajbinfo@gmail.com

	<b>Spokane Co. Environmental Services</b>	Rob Lindsay	rlindsay@spokanecounty.org
√	<b>Spokane County Water District No. 3</b>	Kelly Williquette Justin VanDyke	scwd3engr@comcast.net jvandyke@scwd3.org
	<b>Spokane Tribe of Indians</b>	Brian Crossley	crossley@spokanetribe.com
√	<b>Vera Water and Power</b>	Todd Henry	thenry@verawaterandpower.com
	<b>Whitworth Water District</b>	Tim Murrell	tim@whitworthwater.com
	<b>IWAC Past President</b>	Mike Galante	MikeGalante.1@gmail.com
√	<b>City of Spokane Environmental Programs</b>	Doug Greenlund	dgreenlund@spokanecity.org
√	<b>City of Spokane Water Department</b>	Hillary Nickerson	hnickerson@spokanecity.org
√	<b>City of Spokane Valley</b>	Henry Allen	hallen@spokanevalley.org
√	<b>University of Idaho Extension</b>	Jim Ekins	jekins@uidaho.edu
√	<b>University of Idaho Extension, student</b>	Brock Sween	
√	<b>AHBL, Spokane Office</b>	Craig Anderson	candersen@ahbl.com
√	<b>AHBL, Seattle Office</b>	Wayne Carlson	WECarlson@ahbl.com
√	<b>AHBL, Spokane Office</b>	Brittany Port	BPort@ahbl.com
√	<b>Spokane River Forum</b>	Andy Dunau	info@spokaneriver.net

## AGENDA

**Welcome and Introductions** – President Dan Kegley called the meeting to order at 1:35 pm and everyone introduced themselves.

**Agenda Additions or Revisions** – To accommodate Andy Dunau’s schedule, the Spokane River Forum Conference briefing was moved before the AHBL Irrigation Design Standards presentation.

**Approval of Meeting Minutes for November 2018 Meeting** – President Kegley called for additions or corrections to the November 13, 2018 meeting minutes. Terry Pickel moved to approve the minutes as submitted. Justin VanDyke seconded the motion. President Kegley called for a vote and the November minutes were approved as submitted.

**Financial Report** – Treasurer Ron Wilson reported that invoices were paid to KSPS \$7,000, AHBL \$3,600 and SAJB \$2,500. Ron provided a written report including the Mountain West Bank Account statement with an ending balance as of 12/02/18 of \$36,805.99. This bank balance does not reflect the AHBL and SAJB checks, leaving IWAC with funds of approximately \$30,705.99. Terry Pickel moved to approve the Treasurer’s report. Justin VanDyke seconded the motion. President Kegley called for a vote and the Treasurer’s report was unanimously approved. Ron will begin to send out membership invoices for 2019 and requested that everyone encourage water purveyors who are not currently involved in IWAC to become members. It was suggested that IWAC develop a vendor booth display and recruit members at the Service Truck Rodeo and AWWA.

## New Business

**Spokane River Forum Conference April 16 – 17, 2019** – Resiliency is the conference theme and Andy Dunau presented an early draft of the conference sessions. Potential plenary and concurrent sessions topics include:

Climate variability, land use planning and water rights, redeveloping the Great Gorge, Coeur d’Alene Lake monitoring results, Coeur d’Alene Tribe /LMP, rural water supply and the Hirst fix, reducing non-point source pollution, SVRP aquifer conservation &

protection, IWAC model irrigation design standards, Avista licensing implementation, citizen science, wastewater treatment investments and results, resiliency and water quality (possible keynote Barbara Bennett Colorado Department of Health & Environment), PCB treatment strategies, habit restoration, “Era of Megafires” (documentary).

SRF Conference Registration will open in January 2019 and the agenda should be available sometime in February. IWAC will have a 75-minute session for introducing Irrigation and Landscape Design Standards Guidance. Between now and the April Conference it will be important to invite elected leaders and decision makers to attend IWAC’s conference session.

**Old Business**

**Drippy the Water Drop – Final Printing Order.** Below is the order with final pricing based on the quantity ordered. The order was submitted to Griffin Publishing following the meeting. Tax will need to be added to the totals. Each agency will be billed separately.

Organization	# Colored Coated	Est. Unit Cost	Sub Total	# B & W Uncoated	Unit cost	Sub Total	Agency Total + Tax
Kootenai County Aquifer Protection District	100	\$1.39	\$139.00	300	\$0.52	\$156.00	\$295.00
City of Coeur d'Alene Water Department	100	\$1.39	\$139.00	500	\$0.52	\$260.00	\$399.00
East Greenadres Irrigation District	100	\$1.39	\$139.00	100	\$0.52	\$52.00	\$191.00
University Of Idaho Water Extension	0	\$1.39	\$0.00	100	\$0.52	\$52.00	\$52.00
Idaho Washington Aquifer Collaborative	100	\$1.39	\$139.00	500	\$0.52	\$260.00	\$399.00
LLSWD - Liberty Lake Sewer and Water District	50	\$1.39	\$69.50	200	\$0.52	\$104.00	\$173.50
SAJB -Spokane Aquifer Joint Board	150	\$1.39	\$208.50	100	\$0.52	\$52.00	\$260.50
Spokane County Water District 3	100	\$1.39	\$139.00	0	\$0.52	\$0.00	\$139.00
Spokane City Water Department	50	\$1.39	\$69.50	200	\$0.52	\$104.00	\$173.50
Spokane County Environmental Services	100	\$1.39	\$139.00	500	\$0.52	\$260.00	\$399.00
Combined Agency Grand Total	850	\$1.39	\$1,181.50	2500	\$0.52	\$1,300.00	\$1,909.00

**2018 Budget Review** – Treasurer, Ron Wilson will update the 2018 budget with actual income and expenditures. In January, the 2019 budget will be developed.

**Model Irrigation & Landscape Design Standards.** Craig Anderson, Wayne Carlson and Brittany Port, AHBL, presented an outline of the Irrigation and Landscape Design Standards Guidance Document (Guide). It was also sent to IWAC member prior to the meeting. As indicated in the draft outline the Guide will include an introduction that identifies the goals and how to use the Guide. The Guide will detail the purpose, applicability, exceptions, required documentation, landscape design criteria and irrigation design criteria. The range of standards that are currently employed within the region is included in the Guide and will help entities decide which aspects of the model standards might

be considered for implementation. The Guide will provide reasonable next steps for municipalities, agencies or organizations to align with their differing contexts and policies.

**Work Plan:** AHBL will need specific water use data that describes a regional narrative along with national examples. Craig will prepare questions for IWAC to address at the January meeting. At the February IWAC meeting, AHBL will present the Guide for review. Changes and edits will be completed by the March IWAC meeting so that a final Guide can be published and presented at the April 16-17 SRF Conference. If you have questions or comments please send them to Craig [candersen@ahbl.com](mailto:candersen@ahbl.com), Wayne [WECarlson@ahbl.com](mailto:WECarlson@ahbl.com) and Brittany [BPort@ahbl.com](mailto:BPort@ahbl.com).

### Update Around the Table

**Jeremy Jenkins** reported that Liberty Lake Sewer and Water District is waiting on funding for the second phase of the Greenridge consolidation and infrastructure improvements. Also, the 18<sup>th</sup> Annual Lakes Conference will be held on February 2, 2019 at Spokane Community College.

**Laura Laumatia** reported that the Coeur d'Alene Tribe is continuing to monitor lake conditions and has expressed concern to DEQ and EPA over reduced levels of oxygen and an increase in blue green algae. The water quality changes are directly related to the zinc removal program and monitoring indicates that zinc is fluxing out of the system faster than the removal process. Sampling data indicates increased levels of phosphorus and lead. In November, the Coeur d'Alene Tribe appealed recent water rights decisions to the Supreme Court.

**Jim Ekins** is conducting a Youth Water Summit. Ninety students will be touring the Upriver Dam and Well #1 and are engaged in a wide variety of water activities. Other activities include Snow Science and Citizen Science with crayfish. U of I senior, Brock Sween, attended IWAC today. Brock is job shadowing Jim Ekins. Brock's Senior Project is studying plastic and the bioaccumulation of plastic in marine species.

**Dan Kegley** reported that the city of Spokane passed the budget. The well rehabilitation study revealed a sand layer at Well Electric and a test drill sample had not hit bedrock at 400 feet. The study indicates that water pumped from this level will have no impact on the Spokane river.

**Todd Henry** reported that Vera passed their budget and is planning a retreat for the Board of Directors. Water rights is a concern for Vera.

**Justin VanDyke** reported that in January SCWD3 will accept bids for installing an intertie between two of their systems.

**Ron Wilson** reported that East Green Acres Irrigation District has requested an amendment to their water rights so a new well can be drilled to handle increased summer water use.

**Terry Pickel** reported that the city of Coeur d'Alene pumped 40 million gallons this year and will be drilling a new well with 1.5 miles of transmission lines. Terry was appointed to the Idaho Drinking Water Advisory Committee.

### Adjourn

There being no further business this 11th day of December 2018, President Kegley adjourned the meeting at 3:30 pm

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President, Dan Kegley

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Vice President Terry Pickel

**Handouts sent via e-mail:** IWAC Agenda, IWAC November Meeting Minutes, Previous IWAC meeting agendas, minutes, supporting documents and presentations can be found at <http://www.iwac.us/category/meetings/>.