



IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

9323 N. Government Way PMB 224,
Hayden, ID. 83835

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.

February 14, 2017, 1:30 – 3:30 PM, Liberty Lake Sewer and Water District
Representatives Present

	Organization	Representative	Email Address
	Avista	Michele Drake	Michele.drake@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 Monica Ott	jbeacham@postfallsidaho.org mott@postfallsidaho.org
	City of Spokane RPWRF	Mike Coster	mccoster@spokanecity.org
√	City of Spokane Water Department	Dan Kegley Bill Rickard	dkegley@spokanecity.org brickard@spokanecity.org
	Coeur d'Alene Tribe of Indians	Laura Laumatia	llaumatia@cda-tribe-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 Shirley Carter	ken@harsb.org
	Hayden Lake Irrigation District	Branden Rose	
√	Liberty Lake Sewer and Water District	BiJay Adams Jeremy Jenkins	bijay@libertylake.org jjenkins@libertylake.org
	Moab Irrigation District	Kathleen Small	kathleensmall@comcast.net
√	Model Irrigation District	Rick Neal	rick@modirr.org
	Modern Electric Water Company	Bryan St Clair	bstclair@mewco.com
√	North Kootenai Water & Sewer District	Mike Galante	mikeg@nkwsd.com
√	SAJB Program Leader	Tonilee Hanson	sajbinfo@gmail.com

√	Spokane Co. Water Resources	Rob Lindsay	rlindsay@spokanecounty.org
√	Spokane County Water District No. 3	Ty Wick Kelly Williquette	scwd3@comcast.net scwd3engr@comcast.net
	Spokane Tribe of Indians	Brian Crossley	crossley@spokanetribe.com
√	Vera Water and Power	Todd Henry	thenry@verawaterandpower.com
	Facilitation		
√	Spokane County Water Resources	Toni Taylor	TNTAYLOR@spokanecounty.org
√	WSU – Master’s Student	Kayla Wakulich	kayla.wakulich@wsu.edu
	Guests		
√	Spokane River Forum	Andy Dunau	info@spokaneriver.net
√	Spokane Environmental Programs	Cadie Olsen	colsen@spokanecity.org
√	Idaho Water Engineering	Bob Haynes	bob@idahowaterengineering.com

AGENDA

Welcome and Introductions – President Dan Kegley opened the meeting, welcomed everyone and conducted introductions.

Financial Report – Treasurer, Ron Wilson reported a 1/31/17 Mountain West Bank balance of \$39,873.69. Expenses amounted to \$167.50 for Anne Francis Web Design. Deposits were \$5,000 from Spokane County Water Resources for the video project and assessments of \$8,500. A question was raised about a second entry of \$1,000 for Spokane County. Following the meeting, Treasurer Wilson, reviewed the deposits and determined that the deposit in question was paid by Spokane County from Liberty Lake Sewer and Water District funds. IWAC’s ending balance as of 2/14/17 is \$53,206.19. [Download the Treasurer’s report.](#) [Download the revised Treasurer’s report.](#) Annual assessments were mailed in January.

Approval of Meeting Minutes – President Dan Kegley called for additions or revisions to the Minutes for January, 2016. Terry Pickel moved to accept the January minutes as submitted. Todd Henry seconded the motion. President Kegley called for the vote and the minutes were unanimously approved.

Old Business

Trademark slogan - Our Water. Our Future. President Kegley researched the trademarking process and learned that the process requires renewal of the trademark every 4-5 years. He recommended that IWAC obtain the services of a trademark service at an estimated cost of between \$60 and \$200. Expenditure of funds for a trademarking service was approved by the members.

The slogan, ‘Our Water. Our future.’ will be trademarked and it is the intention of the members to encourage use of the slogan across the region. For example, SAJB is holding an art contest for students and is interested in promoting the regional slogan. Discussion included vetting

organizations that wish to use the slogan to insure fidelity to IWAC's message and requesting that IWAC be identified when the slogan is used.

IWAC Videos 4 KSPS Scripts – Production Timeline – On February 3, 2017, the KSPS video production team met with Tonilee Hanson and reviewed all four video scripts. Some dialogue may need to be shortened but KSPS understands the key messages of each script. KSPS is currently recruiting screen talent and the game show segments of each spot will be filmed in one shoot by the end of February. The stormwater spot will be finished by March 10th and reviewed by the members at the March meeting. If approved, it will be included in the Spokane River Forum H₂O Breakfast on 3/17/17.

New Business

H2O Breakfast March 17, 2017 Lincoln Center - Andy Dunau, Spokane River Forum's Executive Director, extended his thanks to Mike Galante and Dan Kegley for participating in an interview about IWAC. Andy wrote an [e-news article](#) acknowledging the work of IWAC and its efforts to create bi-state actions and messaging such as the video project. The H2O breakfast on Friday, March 17, 2017 will continue the regional dialogue about our water future by highlighting the work of local organizations like IWAC, City of Spokane's Slow the Flow program and SAJB. Ty Wick, who is retiring as SAJB President this May, will be honored for his twenty plus years of dedication to protecting the aquifer.

The keynote speaker is [Craig Mackey](#) who will provide a unique business voice for promoting a healthy and flowing Colorado River. Display tables are available free of charge. Call Cami at 509-535-7084 to reserve a display table. [Register on-line for the H2O Breakfast](#). The breakfast cost is \$25 unless you go together and buy a table of eight and then the cost drops to \$20 per person. Students are free.

SRF has plans to develop an on-line water saving calculator tool that is calibrated for our region. Andy has found that providing tools, like the Spokane Waste Directory, has proven effective in getting the public to become actively involved in solutions.

Drippy the Water Drop – Deck of Coloring Cards – Kayla Wakulich and Toni Taylor showed Drippy



sketches and explained the project proposal. [Drippy the Water Drop](#) was originally designed to be the main character in an animated video production but animation costs were prohibitive. Toni Taylor reimagined Drippy as a classroom set of water cycle and water distribution coloring cards. The cards can be used in grades 2-5 to teach the water cycle sequence of precipitation, evaporation and condensation as well as the distribution cycle from storage in the aquifer, transport

through pipes and uses in the home, landscape and business. The set would include 30 unique coloring cards sized 4 by 6 inches, black and white with a short statement about the image. Included with the deck would be a couple of teacher instruction/idea cards. The set would be packaged in a storage bag. Electronic copies would also be available on the IWAC website for teachers to download and print. The backs of each card would include a sequencing number for checking the correct answers, the IWAC logo, website url and slogan. Other options for the back of the card are a water conservation or protection message and additional logos for agencies that share in the costs of production. Discussion included the following:

- President Kegley and Past President Mike Galante were supportive of the project citing a recent meeting with educators who stated that they needed materials and tools. The Drippy coloring cards would be a cost and time effective way for IWAC to foster water education for existing outreach programs and classroom teachers.
- If successful, Drippy could expand to additional sets of cards including the water reclamation process, conservation and pollution prevention.
- Print optional sets of colored cards for agencies that provide water education in schools but do not have time for students to color the cards.
- Encourage teachers to invent their own games with the cards.
- Include Kristy Reed Johnson, Jim Ekins, Kristen Zimmer, Reanette Boese and other water educators in reviewing the set.

Toni requested approval to move forward with the project by approving \$1,000 for Kayla Wakulich to complete the graphic design of thirty (30) Drippy the Water Drop cards and a design for the card back. Twenty-four (24) Drippy images were completed during the video animation proposal and will need only minor modification. A script will need to be written to determine any missing images to tell the water cycle and distribution story. Production costs for the black and white and colored card sets will be researched and presented at the March meeting.

Mike Galante moved to approve \$1,000 for the Drippy project. Rob Lindsay seconded the motion and added that the set should include credits to Kayla for her artwork. President Kegley called for the vote and the motion passed unanimously.

Landscape – Irrigation Efficiency – BiJay Adams presented a comprehensive overview of landscape irrigation design efficiency through calculating distribution uniformity and matched sprinkler head precipitation coverage and rate. [BiJay's presentation can be viewed here](#) and below are some key points from his presentation.

- Approximately ½ of the water we use annually is applied to landscapes
- Through education and planning, it is estimated that landscapes can be well maintained using 20-50% less water
- Distribution Uniformity (DU) is a key indicator of the performance of an irrigation system



- DU measures how uniformly an irrigation system applies water to the landscape
- Matched precipitation heads allow full circle, half circle and quarter circle sprinkler heads to be used together to provide a uniform coverage of an irrigated area
- Heads must spray head to head.

BiJay proposed that IWAC hire a consultant to develop a regional Model Efficient Irrigation Design Standard. WaterSense (EPA Partnership Program) has certification programs in the following specialties: Irrigation System Design, Irrigation System Installation and Maintenance and Irrigation System Audits.

Discussion included the following:

- Irrigation efficiency standards have worked in areas of drought or water scarcity like CA but residents believe that our region does not have a water quantity problem.
- Rate increases have a limited, short-term impact on water use for residents and housing associations committed to maintaining large, green lawns.
- Quantity is an issue in rural Spokane County due to the Hirst decision and Spokane County will consider landscaping and grey water when updating the comprehensive plan.
- Water need is coming to our region and we need to look at it now when we have time to plan.
- Currently irrigation systems across the region do not need permitting and have no design standards.

Next Steps:

- VP Terry Pickel recommended that IWAC members invite regional city and county officials, across jurisdictions, to attend a landscaping design efficiency workshop presented by BiJay Adams.
- President Kegley will look for possible dates in May for the workshop and asked everyone to begin talking to their elected officials about attending the workshop.
- BiJay will write a paragraph for the IWAC website.
- President Kegley will contact WSU for Xeriscaping and Art Garro for Moscow/Pullman's WiseScaping as possible presentations.

March 14th Meeting – Change of Date due to Service Truck Rodeo. Members agreed to move the March meeting to Wednesday 3/15/17.

Updates Around the Table

Rick Neal, Model Irrigation District, reminded everyone that SRC4 will hold their 24th Annual Seminar on February 23, 2017 at the Spokane Memorial Arena and the Service Truck Rodeo on March 14, 2017.

Terry Pickel, reminded everyone of the WETRC's 39th Annual [Washington Operator Workshop](#) (WOW) conference, March 20-22 at the Davenport Grand Hotel in Spokane, WA.

Planning for March 15, 2017 – Review the KSPS Stormwater spot. Publishing costs for Drippy the Water Drop. Presentation on Xeriscaping, SmartScaping, WiseScaping. Determine dates for a May elected leader's landscaping workshop.

Handouts printed or sent via e-mail: IWAC Agenda, IWAC January Meeting Minutes, Treasurer's Report and H₂O Breakfast flier. Previous IWAC meeting agendas, minutes, supporting documents and presentations can be found at <http://www.iwac.us/category/meetings/>.

Adjourn

There being no further business this 14th day of February 2017, President Kegley adjourned the meeting at 3:17 PM.

President Dan Kegley

Vice President Terry Pickel