



## IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

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Post Falls, ID 83877

Suzanne Scheidt - President  
BiJay Adams - Vice President  
Rob Lindsay - Secretary  
Ron Wilson – Treasurer  
Terry Pickel – Past President  
Dan Kegley – President Emeritus

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 13, 2024, Location: Post Falls Water Reclamation Facility and via Zoom

	Organization	Representative	Email Address
	Avondale Irrigation District	Bob Chandler	bobchandlercda@gmail.com
	Bar Circle S Water Company	Rob Turnipseed	avondalecon@frontier.com
	City of Coeur d’Alene Water, Director	Kyle Marine	kmarine@cdaid.org
√	City of Post Falls	John Beacham	jbeacham@postfalls.gov
√		Craig Borrenpohl	cborrenpohl@postfalls.gov
√		Alyssa Gersdorf	alysag@postfalls.gov
√	City of Spokane Water Department	Doug Greenlund	dgreenlund@spokanecity.org
√	Coeur d’Alene Tribe of Indians	Rebecca Stevens	rstevens@cdatribe-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	bijay@libertylake.org
		Jeremy Jenkins	jjenkins@libertylake.org
	JUB Engineering	Cory Baune	cbaune@jub.com
	Moab Irrigation District	Scott Inch	moabirr20@gmail.com
	Model Irrigation District	Rick Neal	rickaneal@gmail.com
		Ryan Neal	ryan.o.neal509@gmail.com
	Modern Electric Water Company	Jason Beesley	jbeesley@mewco.com
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		Dave Duthie	daved@nkwsd.com
√	SAJB Program Leader	Tonilee Hanson	sajbinfo@gmail.com

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	<b>IWAC Past President</b>	Terry Pickel	tpickel@live.com
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√	<b>Geosyntec/Aspect</b>	Derek Holom	
√	<b>Graphic Designer</b>	Hannah Walker	hanwalker626@gmail.com
√	<b>University of Idaho - Extension</b>	Jim Ekins	jekins@uidaho.edu

**AGENDA**

**Welcome and Introductions** – IWAC President Scheidt welcomed everyone and called the meeting to order.

**Agenda Additions or Revisions** – No additions or revisions were requested.

**Approval of Meeting Minutes** – President Scheidt called for additions or corrections to the January 13, 2024, meeting minutes. BiJay Adams moved to approve the minutes as submitted. Alyssa Gersdorf seconded the motion. President Scheidt called for discussion and the vote, and the motion passed unanimously.

**Financial Report** – Treasurer Ron Wilson reported that there were no accounts payable. Issues with the IRS are still unresolved. Membership dues will go out in March. The Mountain West Bank balance as of January 31, 2024, was \$40,155.65. Rob Lindsay moved to approve the Treasurer’s report. Alyssa Gersdorf seconded the motion. President Scheidt called for discussion and the vote, and the motion passed unanimously.

**Old Business**

**Discussion – IWAC’s DRAFT Purpose for Updating the 2007 USGS SVRP Aquifer Study** – President Scheidt reviewed the purpose statement, shown below, which was revised on 1/18/24 to reinforce the focus on both water conservation and water quality.

*The purpose of this project is to update the 2007 USGS SVRPA model to serve as a planning tool for enhanced wellhead water quality protection and provide the capability to forecast future water quantity demands from the aquifer and its exchange with surface water bodies that are associated with climate change and population growth. The 2007 USGS SVRPA model is a computer model of ground-water flow in the SVRP aquifer in Spokane County, Washington, and Bonner and Kootenai Counties, Idaho that was created in response to the concerns about the impacts of increased ground-water withdrawals resulting from recent and projected urban growth.*

The update is estimated to cost between \$200,000 and \$300,000. Discussion included identifying potential funding partners. Ron Wilson attended the Idaho Water Users Association Conference in January. Ron met Idaho Water Resources Board (IDWB) Chairman Jeff Raybould and Deputy Director Brian Patton and discussed state participation with IWAC to update the 2007 USGS model. They were receptive to the idea of updating the model and requested that IWAC present a draft of the project. Other potential funding partners include the Kootenai County Aquifer Protection District (APD), Department of Environmental Quality (DEQ) Source Water Protection Grants and WA State Department of Ecology. Please send President Scheidt any funding leads and contact information for potential grant opportunities.

Discussion also included possible uses for the updated model including emergency response to water quality issues and wellhead protection. It would be necessary to define the most likely emergency scenarios that the model would need to run such as a BNSF fueling station spill and the potential impact to water quality.

Members present approved the revised purpose statement as a more balanced approach to water quality and water quantity. President Scheidt will provide a revised scope for review and comment prior to the meeting on March 12, 2024. The project will be divided into two funding phases.

- Phase 1: Data scope and gathering, develop approaches and goals, request for comment.
- Phase 2: Complete the model and draft the report.

Doug Greenlund shared that SAJB approved \$85,000 and contracted with GSI Water Solutions to convert the Wellhead Protection Model from MicroFEM to MODFLOW. The update will add new wells and conduct an analysis of climate change potential impacts on wellhead protection.

Amy Sumner asked if it would be cost effective for IWAC to use the same contractor as SAJB is using. Discussion followed. The consensus was that IWAC will prepare an RFP and solicit proposals to ensure that the contractor selected is approved by both Idaho and Washington members.

**Discussion – Planning 2024 Aquifer Protection and Conservation Outreach Campaign**

In 2023 IWAC and SAJB ran parallel water conservation campaigns. Members reviewed all of the static ads and videos created in 2023 and agreed to keep the same ad designs for 2024. SAJB met on 1/25/24 and approved a media buy of \$2,500 per month using the creative listed in the far-right column. IWAC members discussed the proposed IWAC content and cost. It was decided that IWAC would commit \$2,000 per month for a total of \$12,000. Drought

Month	DRAFT IWAC \$?? / Month	SAJB \$2,500 / Month
April	Video: Backflow Protection - Spring Start-up <a href="https://vimeo.com/536086202">https://vimeo.com/536086202</a> (1:03)	Video: Sprinkler System Checkup <a href="https://youtu.be/Ca-ELDiLhtY">https://youtu.be/Ca-ELDiLhtY</a> (:20)
May	Video: Leak Detection <a href="https://youtu.be/PoWR8W-ogp8">https://youtu.be/PoWR8W-ogp8</a> (:20)	Video: Repair and Retrofit <a href="https://youtu.be/8INjggmQU0c">https://youtu.be/8INjggmQU0c</a> (:20)
June	Drought Tolerant & Native Plants	Video: Smart Controllers & Sensors <a href="https://youtu.be/rMJh-bxz3c">https://youtu.be/rMJh-bxz3c</a> (:20)
July	Video: Saving Water Matters <a href="https://youtu.be/Eqk9hy5EmCl">https://youtu.be/Eqk9hy5EmCl</a> (:20)	Video: Catch Can Test <a href="https://youtu.be/H_-bETBAnT8">https://youtu.be/H_-bETBAnT8</a> (:20)
August	Drip Systems & Soaker Hoses	Video: Fertilizers, Pesticides & Herbicides <a href="https://www.youtube.com/watch?v=vQUbIYhX7Aq">https://www.youtube.com/watch?v=vQUbIYhX7Aq</a> (:20)
September	Protect the Aquifer Storymap	Video: Backflow Protection- Blow-out <a href="https://www.youtube.com/watch?v=npD-x3JW5z8&amp;t=24s">https://www.youtube.com/watch?v=npD-x3JW5z8&amp;t=24s</a> (1:12)

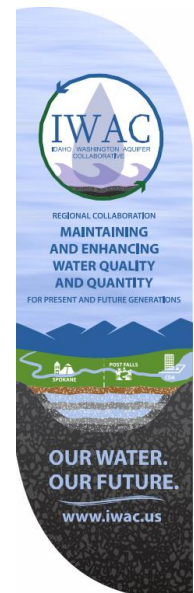
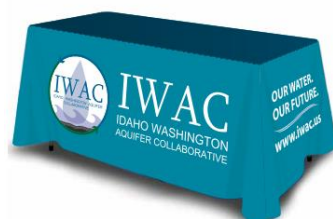
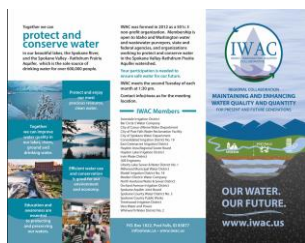
Tolerant and Native Plants will be moved to May and Leak Detection moved to June. Tonilee will contact Phase 3 Digital to prepare a contract for President Scheidt’s approval.

**Planning CEU training on SVRPA Bistate model.** Tabled to March 12, 2024

**New Business**

**2024 Budget** – The 2024 budget was tabled. Tonilee will prepare an updated draft for review prior to the meeting on March 12, 2024.

**Meet Hannah Walker, Graphic Designer for 2023 Media Campaign.** Hannah Walker created the ads for the 2023 Water Conservation Media Campaign. She also created the IWAC Brochure, tablecloth, display sign, and flag. Hannah transformed Drippy the Water Drop from individual cards into a coloring and activity booklet. Here is a [link to Hannah’s portfolio](#). If you have design projects you can contact Hannah at 815.830.2602 or [hanwalker626@gmail.com](mailto:hanwalker626@gmail.com).



**Updates Around the Table**

Welcome to **Kevin Aardahl**, DEQ Coeur d’Alene Regional Office, Waste and Remediation Manager. Kevin was hired to fill the vacancy left when Gary Stevens retired.

**Adjourn** - There being no further business this 13<sup>th</sup> day of February 2024, the meeting was adjourned at 3:24 pm.

IWAC President, Suzanne Scheidt

IWAC VP, BiJay Adams

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