



IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

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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.

January 9, 2024, Location: Liberty Lake Sewer and Water District 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 Craig Borrenpohl Alyssa Gersdorf | jbeacham@postfalls.gov cborrenpohl@postfalls.gov 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 Jeremy Jenkins | bijay@libertylake.org jjenkins@libertylake.org |
| | JUB Engineering | Cory Baune | cbaune@jub.com |
| | Moab Irrigation District | Scott Inch | moabirr20@gmail.com |
| | Model Irrigation District | Rick Neal Ryan Neal | rickaneal@gmail.com ryan.o.neal509@gmail.com |
| | Modern Electric Water Company | Jason Beesley | jbeesley@mewco.com |
| √ | North Kootenai Water & Sewer District | Suzanne Scheidt Paul Tucker Dave Duthie | suzannes@nwwsd.com pault@nkwsd.com daved@nkwsd.com |
| √ | SAJB Program Leader | Tonilee Hanson | sajbinfo@gmail.com |

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|---|---|-------------------------------------|---|
| √ | Spokane Co. Environmental Services | Rob Lindsay | rlindsay@spokanecounty.org |
| | Spokane County Water District No. 3 | Kelly Williquette Justin VanDyke | scwd3engr@comcast.net jvandyke@scwd3.org |
| √ | Vera Water and Power | Todd Henry | thenry@verawaterandpower.com |
| | Whitworth Water District | Tim Murrell Matt Wright | tim@whitworthwater.com matt@whitworthwater.com |
| | IWAC Past President | Terry Pickel | tpickel@live.com |
| √ | IWAC President Emeritus GSI Water Solutions Consultant | Dan Kegley | dkegley@gsiws.com dmkegs@outlook.com |
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| | U of I Extension | Jim Ekins | jekins@uidaho.edu |
| | WA DOH Drinking Water | Scott Mallery | Scott.Mallery@doh.wa.gov |
| | WA Dept. of Ecology | Chris Beard | chbe461@ecy.wa.gov |
| √ | Parsons Behle & Latimer | Norm Semanko | NSemanko@parsonsbehle.com |
| | City of Spokane Valley | Henry Allen | hallen@spokanevalley.org |
| √ | Spokane River Forum | Andy Dunau | info@spokaneriver.net |
| √ | Masuen Consulting | Jon Peters | JPeters@masuenconsulting.com |
| √ | Masuen Consulting | Jonathan Smith | JSmith@masuenconsulting.com |
| √ | Spokane County Water Resources | Amy Sumner | ASUMNER@spokanecounty.org |

AGENDA

Welcome and Introductions – IWAC President Scheidt welcomed everyone and called the meeting to order at 1:32 pm.

Agenda Additions or Revisions – President Scheidt requested that Spokane River Forum’s (SRF) Executive Director, Andy Dunau, be added to the Agenda. Tonilee Hanson requested that the New Business line item to Meet Hannah Walker, Graphic Designer of IWAC’s 2023 Water Conservation Media Campaign, be moved to the February Agenda.

Approval of Meeting Minutes – President Scheidt called for additions or corrections to the December 12, 2023, meeting minutes. The minutes were approved by consensus.

Financial Report – Treasurer Ron Wilson reported that the annual USPS P.O. Box renewal fee of \$146.00 was paid with check #3849. The Bank account balance as of 12/31/23 was \$40,222.63. Rob Lindsay moved to approve the Treasurer’s report. Dan Kegley seconded the motion. President Scheidt called for discussion and the vote, and the motion passed unanimously.

Andy Dunau, SRF, requested a contribution of \$1,500 for the Expo 50 H2O Symposium that will be held on May 30, 2024, at the Spokane Convention Center. Breakfast and lunch will be provided. The keynote speaker is John Matthews, Executive Director of the Alliance for Global Water Adaptation. [Read John’s short bio.](#) Rob Lindsay made a motion to contribute \$1,500 for the Expo 50 H2O Symposium. Ron Wilson seconded the motion. President Scheidt called for discussion and a vote. The motion passed unanimously.

Old Business

Discussion – IWAC’s DRAFT Purpose for Updating the 2007 USGS SVRP Aquifer Study

President Scheidt guided members through a discussion of a draft purpose statement, the scope of the work, how the model would be updated, and objectives. The draft purpose statement is shown below.

The purpose of this project is to update the 2007 USGS SVRPA model as a planning tool for current and future wellhead protection activities, climate forecasting, and population growth demands on the SVRPA and the aquifer’s exchange with surface water bodies. 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.

Discussion and Questions included:

- How does the SAJB Wellhead protection model update relate to a 2007 model update?
- How will an updated model focus on both water quality and water quantity?
- How will an updated model assist with forecasting water quantity with a growing population and changing climate?
- How might an updated model create a more uniform scale so Idaho purveyors would have a better source water protection delineation for updating their wellhead protection plans?

Next Steps:

President Scheidt will prepare an updated purpose statement to address both water quantity and water quality. The revised Purpose statement will be sent out for review and comment. A revised draft will be considered at the February IWAC meeting.

Planning CEU training on SVRPA Bistate model.

Members discussed potential partners, such as IESS AWWA for the training event. CEU’s have already been requested for the Service Truck Rodeo so that event will not work this year. Three CEUs for ID and WA participants would be offered. It takes about 6 weeks to get CEU approval. Content might include:

- History of events leading to the 2007 USGS SVRP Aquifer model.
- History of IWAC.
- IWAC’s purpose statement for updating the model
- Benefits of an updated bistate model and how to use it as a planning tool and for research.
- How to use an updated bistate model as a SVRPA protection tool.
- Possible Speakers: Laura Laumatia, Bob Haynes, Stan Miller, John Porcello, Rob Lindsay.
- Audiences: water operators, elected officials, managers, engineers, real estate brokers

New Business

2024 Budget and Media Campaign for Aquifer Protection and Conservation

IWAC will create the 2024 budget at the meeting on February 13, 2024. For consideration will be the 2024 Water Conservation and Aquifer Protection Media Campaign. The artwork ads and videos created in 2023 can be reused. IWAC members would like to consider adding a spring backflow campaign in addition to the fall blow-out backflow campaign. Below, for your review, are the 2023 media campaign plan and results summary. The monthly creative and results were sent on January 12, 2024, in a meeting

follow-up email. The 2023 media campaign was a collaboration between SAJB and IWAC. IWAC's funding was provided by a generous Source Water Protection Grant from DEQ.



April – October Media Campaign

| Month | IWAC \$2,000 / Month | SAJB \$2,100 / Month |
|-----------|--|---|
| April | Protect the Aquifer Story Map | Sprinkler System Checkup |
| May | Leak Detection | Repair and Retrofit |
| June | Drought Tolerant & Native Plants | Smart Controllers & Sensors |
| July | Calculate Water Needs | Tips to Save Water |
| August | Fertilizers, Pesticides & Herbicides | Calculate Water Needs |
| September | Drip Systems & Soaker Hoses | Backflow Protection |

| Facebook | |
|-------------------|-----------|
| Impressions | 1,587,624 |
| Reach | |
| clicks | 9,453 |
| CTR | |
| Google Analytics | |
| Total page views | 16,618 |
| Target page views | 11,520 |
| Users | 10,164 |

Updates Around the Table

Amy Sumner, Spokane County Water Resources Manager, 509-477-7578. ASUMNER@spokanecounty.org. Amy shared that a comprehensive 20-year analysis of the SVRP monitoring program has been completed. Here is the link Amy sent: [Groundwater Monitoring | Spokane County, WA](#). You have to scroll about halfway down the page. The report can be downloaded as a whole document or as separate sections. There are links at the top left of this same page that connect to the Story Map and the Tableau database. Amy has agreed to make a presentation at the IWAC meeting on Tuesday, March 12, 2024. Amy is also available if the SAJB would like a separate presentation.

Tonilee Hanson shared a message from Steven Neal, Protective Security Advisor, Region 10, Eastern WA District, Cybersecurity, & Infrastructure Security Agency, 509-216-2534, steven.neal@cisa.dhs.gov. Steven reached out to connect with IWAC members because the threats to the water/wastewater critical infrastructure have continued to increase. On 1/12/24, Tonilee forwarded documents that were developed during a recent threat briefing compiled by US EPA and CISA. IWAC will invite Steven and Dan to present at the April 9, 2024, meeting. Steven Neal and Dan Brown spoke at SAJB in 2023.

Adjourn - There being no further business this 9th day of January 2024, the meeting was adjourned at 3:00 pm.

IWAC President, Suzanne Scheidt

IWAC VP, BiJay Adams

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