



IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

P.O. Box 1822
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.

October 10, 2023, Location: North Kootenai Water and Sewer District - 13649 North Meyer Road, Rathdrum, ID 83858 and via Zoom. Representatives Present are indicated below.

	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@postfallsidaho.org cborrenpohl@postfallsidaho.org alysag@postfallsidaho.org
√	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

	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 President Emeritus GSI Water Solutions Consultant	Dan Kegley	dkegley@gsiws.com dmkegs@outlook.com
	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

AGENDA

Welcome and Introductions – IWAC President Suzanne Scheidt welcomed everyone and called the meeting to order at 1:30 pm.

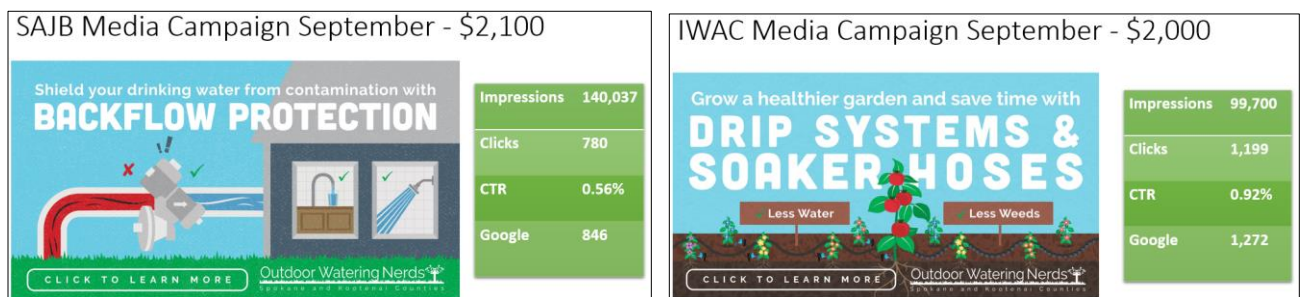
Agenda Additions or Revisions – No changes.

Approval of Meeting Minutes – President Scheidt called for additions or corrections to the September 12, 2023, meeting minutes. Hearing none, the September meeting minutes were approved by consensus.

Financial Report – Treasurer Ron Wilson was absent due to illness. President Scheidt called for discussion of the financial items that were tabled from September. Tonilee Hanson reported that Darlene at National Color Graphics received the replacement check of \$2,830.00 for printing the 2023 Aquifer Atlas. Tonilee also reported that the September minutes included an email update from Anderson Brothers CPA on IWAC’s IRS Tax Application shared by Treasurer Wilson on 9/13/23. Jeremy Jenkins moved to ratify payments made during the construction season recess June 2023 – August 2023 and to approve the stop payment on check #3836 which was lost in the mail. Rick Neal seconded the motion. President Scheidt called for the vote and the motion passed unanimously.

Old Business

DEQ Source Water Protection Grant – The Final Report for the Media Campaign is due 10/20/23. Tonilee Hanson shared the September Outdoor Watering Nerds Media Campaign Analytics. Some analytics were received after the meeting but are included below and have been added to the media campaign spreadsheet.



The Outdoor Watering Nerds April – September Media Campaign Analytics detail

- 1,587,624 Total Impressions (The number of times the ads were viewed)
- 15,031 Clicks (The number of times one of the ads was clicked on)
- 16,618 visits to the Outdoor Watering Nerds website.

President Scheidt commented that IWAC will want to re-air these videos in a 2024 water conservation media campaign. IWAC will have \$22,800 in reimbursement funds from the 2023 DEQ Source Water Protection Grant that can go toward a 2024 media campaign. Videos include:

- Leak Detection - <https://youtu.be/PoWR8W-ogp8>
- Repair & Retrofit - <https://youtu.be/8INjqgmQU0c>
- Saving Water Matters - <https://youtu.be/Eqk9hy5EmCl>
- Sprinkler Savy - <https://youtu.be/Ca-ELDiLhtY>

Review Survey of IWAC Goals from March 2023

In the March 2023 IWAC Survey the highest priority goal was the following:

Develop a coordinated regional education and outreach program for water quality, quantity, and conservation goals. Develop materials for outreach. Identify partners, audiences, and delivery strategies.

This goal was addressed in the 2023 Outdoor Watering Nerds Website and 6-month Water Conservation Media Campaign funded by DEQ and partnering with the Spokane Aquifer Joint Board and the Spokane River Forum. A similar media campaign will be conducted in 2024.

The second highest priority goal was:

Locate funding for an updated SVRP Aquifer Study conducted by USGS or another credible entity that is acceptable to both ID and WA purveyors. Develop a Bistate Aquifer (baseline) Status Document. Validate objectively determined and scientifically supportable data on the quantity of the aquifer water system.

IWAC members agreed that an aquifer study was overdue since the 2007 USGS study was based on 2005 data and many of the variables like snowpack, temperature, and population growth need to be reconsidered in a new study. The feasibility of conducting a new study that both Idaho and Washington water purveyors could agree upon was discussed. Funding sources were discussed, and ideas included involving university scientists from UI and WSU or agencies like the WA State Department of Ecology (Ecology), Idaho Department of Environmental Quality (DEQ), and the Idaho Department of Water Resources (IDWR). Alyssa Gersdorf reminded everyone that one of the factors driving the 2007 USGS aquifer study was the Department of Ecology's focus on establishing an instream flow rule for the Spokane River. The Spokane River Instream flow water right was passed in 2015. So now, are there any factors driving agencies to participate in a new aquifer study? GSI Water Solutions and hydrogeologist John Porcello were considered for their expertise in the SVRP aquifer modeling. Chris Beard shared that Ecology and DEQ have collaborated on bi-state studies such as Walla Walla, WA / Umatilla, OR and Moscow, ID / Pullman WA. Chris will inquire into funding sources at Ecology.

Doug Greenlund clarified that the study IWAC is considering requires different skill sets for 1) Hydrogeology modeling 2) Climate change impacts on the SVRP aquifer, 3) Population growth and future water demand modeling. President Scheidt proposed a joint meeting with IWAC and SAJB to refine the scope of what information purveyors need from a new study and what elements should be included in the model. Guy Gregory was recommended as a resource for developing the scope of a new aquifer study.

New Business

October 4, 2023, Survey Monkey Results – Discussion

Q1: 93% of respondents preferred keeping IWAC Meetings on the 2nd Tuesday of the month.

Q3: 72% of respondents preferred keeping the meetings on the 2nd week of the month.

Q4: 53% of respondents preferred keeping the meetings at 1:30 pm.

Q5: 50% of respondents who wanted an alternate time preferred 2:00 pm

Q6: 66% of respondents preferred a consistent location, and

Q6: 75% of respondents would like field trips to visit other purveyors facilities.

Q7: 92% of respondents agree that IWAC's goals fit with their organizations goals.

Q8: 86% of respondents would like to review IWAC goals annually.

Q9: 100% of respondents would support IWAC convening collaborators to fund and discuss an updated future demand forecast model for the SVRP aquifer. 54% of respondents also supported researching grant opportunities.

Q10: 92% of respondents would support IWAC convening collaborators to fund and discuss an updated USGS Groundwater flow model that includes emerging issues like climate variability and population growth. 45% of respondents also supported researching grant opportunities.

Survey Monkey results were discussed, and consensus was reached on the following:

- IWAC meetings will continue to be held on the second Tuesday of the month at 1:30 pm.
- IWAC meetings will alternate locations monthly between ID and WA.
 - In Idaho, Cabela's has a free meeting room and is close to the freeway or Post Falls Water Department has a conference room. Alyssa will check on availability.
 - In WA, Shane Sheppard previously volunteered the board room at Consolidated Irrigation District (CID). Tonilee will confirm alternating meeting dates with CID starting in November.
- IWAC will plan 2 field trips a year to visit purveyor water and wastewater facilities.
- Construction season recess was not included in the survey, but members present preferred to meet year-round with no recess.

Open-ended survey questions were also sent but only 3 people responded. The responses were sent to everyone prior to the meeting but were not discussed during the meeting due to time constraints. **Next Steps:** New survey questions will be developed at the November IWAC meeting and sent to members via Survey Monkey.

Updates Around the Table

Jeremy Jenkins, LLSWD, shared non-detect PFAS testing results and continued office construction.

Rick Neal, Model Irrigation District, reported that DR Horton discontinued a housing development and was required to flush and disconnect from Model's water mains. Recent PFAS testing was non-detect.

Doug Greenlund, City of Spokane, shared that it is budget season. Out-of-town travel is not allowed.

Allysa Gersdorf, City of Post Falls, started the 30-day fall chlorination process.

Todd Henry, Vera Water and Power, shared that building is slowing down and Vera is shifting to focus on budget planning and infrastructure. Vera received a low interest state loan for internal and exterior reservoir coating.

Suzanne Scheidt, NKWSD, shared that the District is initiating the implementation of a AMI metering program and plans to pursue a 50% match WaterSmart grant. The District is also working through a surface water treatment upgrade that is scheduled to be completed prior to Memorial Day.

Adjourn - There being no further business this 10th day of October 2023, the meeting was adjourned at 3:06 pm.

IWAC President, Suzanne Scheidt

Handouts sent via e-mail: IWAC Agenda, IWAC September Meeting Minutes, Outdoor Watering Nerds, Creative, Nerds Media Campaign Analytics, and DEQ Grant Expenditures. Previous IWAC meeting agendas, minutes, supporting documents and presentations can be found at <http://www.iwac.us/category/meetings/>.