



## 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.

June 13, 2017, 1:30 – 3:20 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	mcoaster@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@cdatriben-sn.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

	<b>Spokane Co. Water Resources</b>	Rob Lindsay	rlindsay@spokanecounty.org
√	<b>Spokane County Water District No. 3</b>	Ty Wick Kelly Williquette	scwd3@comcast.net scwd3engr@comcast.net
	<b>Spokane Tribe of Indians</b>	Brian Crossley	crossley@spokanetribe.com
√	<b>Vera Water and Power</b>	Todd Henry	thenry@verawaterandpower.com
	<b>Facilitation</b>		
	<b>Spokane County Water Resources</b>	Toni Taylor	TNTAYLOR@spokanecounty.org
	<b>Guests</b>		
√	<b>City of Spokane Valley</b>	Art Jenkins	ajenkins@spokanevalley.org
√	<b>Idaho Department of Environmental Quality</b>	Alyssa Gersdorf	alyssa.gersdorf@deq.idaho.gov
√	<b>Panhandle Health District Intern</b>	Vishal Singh	vishal4599@gmail.com

**AGENDA**

**Welcome and Introductions** – Vice President Terry Pickel opened the meeting, welcomed everyone and conducted introductions.

**Approval of Meeting Minutes** – Vice President Terry Pickel called for additions or revisions to the Minutes for May 2017. BiJay Adams moved to approve the May minutes as submitted. Todd Henry seconded the motion. VP Pickel called for a vote and the motion passed unanimously.

**Financial Report** – Treasurer Ron Wilson reported a Mountain West Bank balance on 4/28/17 of \$56,600.48. Expenses for April 28 to June 13, 2017 were \$10,000.00 for KSPS media campaign. The bank interest deposit was \$1.69. The ending balance on June 13, 2017 amounted to \$46,602.17.

**Old Business**

**Trademark slogan - Our Water. Our Future.** Treasurer Ron Wilson is researching a direct application process for the trademark which would avoid administrative fees.

**Drippy the Water Drop Cards and Claymation Projects** –The Drippy project will continue over the summer when Kayla Wakulich and Toni Taylor find time outside of their regular school and work responsibilities. Tonilee Hanson will make requests for production cost estimates.

**IWAC Budget Committee** – A committee is being formed to develop a 2018 IWAC budget. Treasurer Ron Wilson identified possible budget categories to be included and members made additional suggestions. Budget suggestions include:

**Income:**

- Annual Membership Dues
- Public Entity Contributions

- Private Entity Contributions
- Grant Awards

#### Expenses:

- Professional Fees (*Idaho Water Eng., Legal, Audits, etc.*)
- Postage, PO Box
- Misc. Bank Fees (Min)
- Meetings / Workshop (*e.g., administrative support, facilitation, travel*)
- Awards
- Contingency
- Publishing and Printing Educational Materials (*e.g., Drippy the Water Drop coloring cards and Claymation*)
- Advertising and media (*e.g., KSPS video spots*)
- Website maintenance

#### New Business

**Review of final two KSPS Videos** – Members reviewed and approved KSPS video spots for **Lawn Care** and **Bathrooms**. All four video spots can be viewed at <http://www.iwac.us/category/news/>

KSPS will also produce a 3-5-minute mini-documentary on the SVRP aquifer. Members made suggestions for content and a meeting with KSPS to discuss the following member suggestions was scheduled for June 14, 2017 at 9:30 am.

**Audience:** Educators and interested public

**Resources:**

The SVRP Aquifer Atlas

Aquifer Tour map on page 27

SAJB website <http://www.spokaneaquifer.org/education-awareness/virtual-field-trips/middle-school-aquifer/middle-school-aquifer-field-trip/education-awarenessvirtual-field-tripmiddle-school-aquifermiddle-school-aquifer-field-trip2-explore-the-spokane-valley-rathdrum-prairie-aquifer/>

Ice Age Floods

Aquifer in a Cup slide show – Kristen Zimmer

Reanette Boese – Aquifer groundwater model demonstration

**Aquifer Overview** – reference locations on the map

- What is it? Sole source of drinking water for over 500,000 residents from Coeur d'Alene to Spokane.
- How was it formed? (Ice Age Floods)
- Tour locations and tell the story of the aquifer formation and recharge
  - Visual of Hayden Lake recharge area and data on all lakes that recharge the aquifer (page 14 Atlas)
- River and Aquifer Interchange (Atlas page 12)

**Why does the Aquifer need to be Protected?**

- Where is it? Show Reanette Boese with the groundwater model compared to the gravel pit where the aquifer is exposed. Stress the need to protect the aquifer. Unconfined aquifer anything that goes on the ground will end up in the aquifer.
- Potential Risks

- Improper disposal of Hazardous waste
- Fueling stations (all gas stations)
- Storm drains and dry wells

**How does water get to your home or business?**

- Water purveyors - Idaho and Washington – (Consolidated Irrigation Water Tower visual)
- Delivery system - Pipes and pumps

**What happens to water after it leaves your home or business?**

- Water Reclamation Facilities
  - Coeur d'Alene
  - Post Falls
  - North Kootenai Sewer and Water district
  - Liberty Lake Sewer
  - Spokane County
  - City of Spokane

**IWAC**

- Who we are
- Why we are collaborating

**Success Stories**

- Proper Waste disposal
  - Transfer stations and HHW disposal
  - Spokane Waste Directory
- Managing runoff
  - City of Spokane CSO tanks
  - grassy swales throughout county
  - Storm drain education
- Sewering the Spokane Valley - Septic Tank removal and reduction of nitrogen levels (atlas pages 21-22)
- Kootenai County Aquifer Protection District – Voters approved assessment
- Panhandle Health District – Critical Materials Program for all Businesses
- Liberty Lake Sewer and Water District – Phosphorus reduction

**What can you do?**

- Water saving ideas in the home and yard
- Water protection ideas in the home and yard

**Working Session: Preparing for the November Spokane River Forum Conference** - Landscape – Irrigation Design Standards –Presentation for Decision Makers. IWAC members discussed the type of Keynote Speakers, messaging and examples that could interest municipal and water district decision makers and engage them in adopting landscape irrigation design standards. Ideas included:

- Locate a speaker who can engage leaders and decision makers
- Find a speaker who has been successful in developing policies that united different jurisdictions in common actions regarding water conservation, rights or quality.
- Find examples of effective “umbrella” policies
- Find a speaker who can address economic growth based on sound water policy
- Remind everyone of the H2O speaker who said that people need to get used to the idea that they will pay more for less for sewer and water services.
- Incorporate [BiJay's examples of landscape irrigation design standards](#)
  - California Department of Water Resources - Model Water Efficient Landscape Ordinance

- Arizona Department of Water Resources - Tucson Active Management Area
  - Adapted from the California State Model Water Efficient Landscape Ordinance to meet the needs of the Tucson Metropolitan Area
- • Water-Efficient Landscape Design - A model landscape ordinance for Colorado's communities utilizing a water conservation-oriented planning approach
- Standards for Landscape Irrigation in Florida
- Follow the keynote speaker with a session on Landscape Irrigation Design Standards presented by BiJay Adams.

Please bring suggestions for possible keynote speakers who meet some of the above criteria.

### Member updates:

**Terry Pickel** reported for Dan Kegley that guest speakers are requested for the Spokane Community College Water Resources Program. The instructors are David Stasney and Erin Rudders. Please contact President Kegley if you are interested.

**Art Jenkins** shared that the City of Spokane Valley is creating a GIS assessment map of UICs that pose the greatest potential risk to the river and aquifer. The mapping project will inform targeted stormwater control retrofitting. Art also shared information about a NPDES Stormwater Effectiveness Study which includes twenty-four permittees and eight studies. Art is willing to provide a future presentation of the various stormwater strategies, such as non-vegetative swales, who is testing the strategies and any available results.

**Vishal Singh**, an intern at Panhandle Health District (PHD), shared their Inventory Enhancement project for locating and assessing the pre-treatment characteristics of shallow injection wells (SIW). Inventory data is available by contacting Rick Barlow at [rbarlow@phd1.idaho.gov](mailto:rbarlow@phd1.idaho.gov). This project is funded by the Kootenai County Aquifer Protection District.

**Alyssa Gersdorf**, Idaho Department of Environmental Quality (IDEQ), shared the CDA 5K Summer Series for the Rathdrum Aquifer. Race dates are July 13, 20 and 27. Races start at North Idaho college and run along the Centennial Trail. Register online at [www.active.com](http://www.active.com) or [www.deq.idaho.gov/cda-summer-series-5K](http://www.deq.idaho.gov/cda-summer-series-5K).

**Handouts printed or sent via e-mail:** IWAC Agenda, IWAC May Meeting Minutes, Treasurer's Report. 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 13th day of June 2017, Vice President Pickel adjourned the meeting at 3:20 pm.

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President Dan Kegley

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Vice President Terry Pickel