



IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

P.O. Box 1822
Post Falls, ID 83877

Terry Pickel - President
BiJay Adams - Vice President
Rob Lindsay - Secretary
Ron Wilson - Treasurer
Dan Kegley – 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.

November 12, 2019 1:30 – 3:18 PM, Liberty Lake Sewer and Water District

Representatives Present

	Organization	Representative	Email Address
	Avista	Chris Moan	chris.moan@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 Craig Borrenpohl Alyssa Gersdorf	jbeacham@postfallsidaho.org cborrenpohl@postfallsidaho.org alyssag@postfallsidaho.org
√	City of Spokane Water Department	Dan Kegley	dkegley@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
	Moab Irrigation District	Scott Inch	moabirr20@gmail.com
	Model Irrigation District	Rick Neal Ryan Neal	rick@modirr.org ryan@modir.org
	Modern Electric Water Company	Bryan St Clair	bstclair@mewco.com
	North Kootenai Water & Sewer District	Chris de Groot	chrisd@nkswd.com

√	Spokane Aquifer Joint Board	Tonilee Hanson	iwacinfo4@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
	Spokane Tribe of Indians	Brian Crossley	crossley@spokanetribe.com
√	Vera Water and Power	Todd Henry	thenry@verawaterandpower.com
	Whitworth Water District	Tim Murrell	tim@whitworthwater.com
√	IDEQ	Seth Oliver	Seth.oliver@deq.idaho.gov
√	Spokane Sustainable Action Committee	Marc Gauthier	

AGENDA

Welcome and Introductions – President Terry Pickel called the meeting to order at 1:32 pm.

Agenda Additions or Revisions – Marc Gauthier, City of Spokane Sustainability Action Committee, asked to be placed on the agenda. President Pickel approved Marc's request.

Approval of Meeting Minutes for August – President Pickel called for additions or corrections to the October 8, 2019 meeting minutes. Jim Ekins noted that he was not marked present in the October minutes. Todd Henry moved to approve the October minutes as corrected. Seth Oliver seconded the motion. President Pickel called for a vote and the October minutes were approved as amended.

Financial Report – No report.

Guest Speaker - Marc Gauthier, City of Spokane Sustainability Action Committee (SAC), was added to the agenda at his request. The Sustainability Action Committee is developing recommendations for Spokane City Council on maintaining instream flow in the Spokane River. SAC members are trying to learn what other organizations such as IWAC are already doing to manage water as part of a regional approach to water management. Discussion followed. IWAC members encouraged Marc to meet with other organizations such as SAJB, Spokane River Forum and the Aquifer Protection District.

Old Business

12/3/19 7:00 pm Liberty Lake City Council Roadshow – President Pickel reminded everyone of the upcoming Irrigation and Landscape Design Standards presentation and encouraged everyone to attend and show their support.

1/29/20 Coeur d'Alene Irrigation & Landscape Design Technical Assistance Workshop – The First Technical Assistance Workshop will be held on January 29, 2020, from 10:00 am to 2:00 pm at the Coeur d'Alene Library. CEUs will be offered and a working lunch will be provided. The workshop is at no cost to the participants. Discussion of the intended audiences included: North Idaho Building contractors Association (NIBCA), area Realtors, Idaho Rural Water Association members, architects, landscape maintenance companies, City Parks and Schools landscape maintenance staff.

Draft Outline of Technical Assistance Workshop

10:00 am Agenda and CEUs

- Introduction – [IWAC Irrigation video](#) (3:30 mins)
- Overview, Purpose and Goals – SRF Presentation / Roadshow Terry Pickel
 - Irrigation Run off / pollutants impact on Spokane River and Aquifer
 - Maximize performance
 - Save money
- Irrigation Design Criteria - BiJay Adams
 - Distribution Uniformity
 - Irrigation Audit
 - Irrigation Retrofitting Product Examples – Vendor

12:00 pm Working Lunch

- Irrigation System Maintenance - Vendor
 - Smart Controllers
 - Backflow installation and testing
- Landscape Design Criteria – (Craig Anderson ?)
 - Water Budget, Grading, Soil Analysis
 - Native and drought tolerant plants, xeriscaping – Jim Markley
 - Examples:
 - Indian Canyon Golf Course
 - Country Homes Blvd median
 - LLSWD
 - SpokaneScape residential examples with water savings
 - WiseScape Moscow/Pullman

1:50 pm Workshop Evaluation and Feedback

2:00 pm End of Technical Assistance Workshop

Technical Assistance Workshop Next Steps:

1. Develop a comprehensive list of people to invite.
2. Prepare an invitation flier/post card
3. Send invitations
4. Review Technical Assistance Workshop Draft Agenda, add speakers and times.
5. Add a registration page to the IWAC website
6. Redesign the Guidelines into an attractive, easy to read booklet for both policy and best management practices.
7. Set dates for Technical Assistance workshops in Spokane Valley and in Spokane.

Review IDEQ Source Water Protection Grant Next Steps – The document was reviewed, and it needs to be updated with actions completed, changes to the original plan, and additional actions that have been identified. Tonilee Hanson will make the updates before the December meeting.

New Business

Irrigation and Landscape Design Guidelines Publication Design – The Guidelines document was reviewed to identify the content that will be included in the published booklet. It was noted that there are three areas of focus 1) planning and design, 2) policy and 3) best management practices.

Questions for consideration:

- How can we simplify the Guidelines for usability?
- Should there be separate booklets for each area of focus or one booklet that includes all three areas (planning and design, policy, and best management practices)?
- If separate booklets are designed, would it be useful to include some parts of the appendices in the booklets?

Recruiting new IWAC Members – Discussion included 1) reviewing the rate structure for the small water districts, and 2) asking for input from SAJB members at the December 5th meeting to understand what it would take to have them become involved in IWAC. It was also suggested that the invitation letters may not be reaching the right people. Confirming correct emails, names and physical addresses will be done before sending the 2020 Membership letters.

Updates Around the Table

Alyssa Gersdorf - the Post Falls Water Department is looking for an opportunity, in early 2020, to have the Roadshow presented to Post Falls City Council. A new well and wellhouse are in planning and construction.

Dan Kegley attended the Tri-State Water Utility Council (WUC) meeting at which PFOS and PFOA contamination was discussed. The Washington State Health Advisory board is re-evaluating allowable limits. The City of Spokane's Conservation Master Plan is underway. The Drought Resiliency Plan, however, is more challenging. Work will begin, in 2020, on the Havana well that is estimated to pump 25,000 gpm.

Tonilee Hanson - [Drippy the Water Drop](#) is now an eBook on both SAJB and IWAC websites.

Jim Ekins - 2019 activities engaged hundreds of students and teachers in: 1) the Confluence Project workshops on water quality, surface water, snow science and the aquifer, 2) field trips to Well Electric and the Spokane County Water Resources Center, and 3) Project WET. Jim and Terry are on the Board of the Idaho Water Education Foundation which is reorganizing and reestablishing its 501c3 status.

Seth Oliver - The SVRP Aquifer Atlas was last published in 2015. IDEQ is taking the lead on producing the 2020 update. Seth has been participating in the Panhandle Health District's isotope sampling. In one water system, uranium exceedances were measured.

Todd Henry – Vera Water and Power is working on 1) the 2020 budget, 2) an RFQ for enterprise software, and 3) well rehabilitation.

Terry Pickel – CDA Water Department well drilling is going slowly due to equipment challenges and bids are out for pump restoration. Atlas waterfront shoreline restoration contract is out for bid.

Agenda for December 12, 2019 Meeting – Report on Liberty Lake City Council Roadshow, Irrigation Design Standards 1/29/20 Technical Assistance Workshop Review Draft Agenda and potential participants.

Adjourn - There being no further business this 12th day of November 2019, President Pickel adjourned the meeting at 3:18 pm.

President, Terry Pickel

Vice President, BiJay Adams

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