



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.

December 10, 2019 1:30 – 3:00 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 Doug Greenlund	dkegley@spokanecity.org dgreenlund@spokanecity.org
	Coeur d’Alene Tribe of Indians	Rebecca Stevens	rstevens@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	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
√	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
	Spokane Tribe of Indians	Brian Crossley	crossley@spokanetribe.com
√	Spokane Water Department	Kristen Zimmer	kzimmer@spokanecity.org
	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
√	U of I Water Education	Jim Ekins	jekins@uidaho.edu

AGENDA

Welcome and Introductions – President Terry Pickel called the meeting to order at 1:30 pm.

Agenda Additions or Revisions – Review of the Technical Assistance Workshop postcard, online registration form and list of invitees were added to the agenda.

Approval of Meeting Minutes for November – President Pickel called for additions or corrections to the November 12, 2019 meeting minutes. BiJay Adams moved to approve the November minutes as submitted. Doug Greenlund seconded the motion. President Pickel called for a vote and the November minutes were approved.

Financial Report – Treasurer Ron Wilson was not present but sent the financial report via email. Invoices paid since the last report include Anne Francis Web Design \$39.75 and AquaGirl Designs \$440.00 for the Trifold brochure. There were no accounts payable. On 12/1/19 the IWAC checking account balance was \$17,167.58.

Old Business

12/3/19 6:00 pm Liberty Lake City Council Roadshow – President Pickel and VP BiJay Adams presented the Irrigation and Landscape Design Roadshow to the Liberty Lake City Council. The Roadshow was well received, and City Council members asked many questions. The Roadshow will be presented on 12/11/19 at 4:00 pm to the Liberty Lake Planning Commission.

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. 4 CEUs will be offered and a working lunch will be provided. The workshop is at no cost to the participants.

The draft agenda was reviewed and refined as shown below.

Irrigation and Landscape Design Technical Assistance Workshop
January 29, 2020 10:00 am - 2:00 pm
Coeur d’Alene Library

- 10:00 – 10:30 am **CEUs and Introduction** – Terry Pickel, IWAC President and CDA Water Department
- **IWAC Irrigation and Landscape Design Video** (3:30 mins)
 - **Overview, Purpose and Goals**
 - Protect Water Quality and Quantity
 - Irrigation run off / pollutants impact on Spokane River and Aquifer
 - Maximize System Efficiency and Performance
 - Save Money - Examples: SpokaneScape and WiseScape Moscow/Pullman
- 10:30 – 11:00 am **Irrigation Design Criteria** - BiJay Adams, IWAC VP and LLSWD General Manager
- (15) **Distribution Uniformity** – Example LLSWD
 - (15) **Irrigation Audits**
- 11:00 – 11:15 am **Break**
- 11:15 – 11:45 am **Irrigation Retrofitting Product Examples** – Vendor
- 11:45 am - 12:00 pm **Working Lunch**
- 12:00 -12:30 pm **Irrigation System Scheduling**
- **Water Budget**
- 12:30 – 1:00 pm **Irrigation System Maintenance** – Clearwater Summit Group
- (15 min) **Smart Controllers / Sensors** - Horizon or HD Fowler
 - (15 min) **Installation and Testing** – Gary Nolan CDA Water Department
- 1:00 – 1:45 pm **Landscape Design Criteria**
- (15) **Grading, Topsoil Analysis** Kara Carleton and Jim Ekins
 - Topsoil stripped, rootzone depth, water storage in root plants, water lost to underlying, overwatering. (BiJay has slides)
 - (30) **Native and Drought Tolerant Plants, Xeriscaping** – Jim Markley
 - Plants of the Wild or Blue Moon Nursery
 - Examples: PHD Emerald Gardens and Country Homes Blvd Median
- 1:45 – 2:00 pm **Workshop Evaluation, CEUs and Questions**

Workshop Post Card designed by Kristen Zimmer, was reviewed and approved with a few edits. Download the [email fliers](#) . Everyone is requested to send out the email flier to anyone who might be interested in the workshop. It was noted that the IWAC website address and officers need to be updated. Tonilee completed the update on 12/19/19.

Online Registration Form, prepared by Anne Francis Web Design, was reviewed and approved with a few edits shown in next steps below.

Next Steps:

- Update the IWAC website address and officers (completed 12/19/19)
- Presenters to be confirmed by Terry Pickel, BiJay Adams, Shane Sheppard and Jim Ekins
- Email and USPS invitations to go out by 1/6/20.

- Add postcard and flier to website registration page.
- Online registration:
 - The agenda, without times, to be added to the online registration page.
 - Add text: Space is limited. Register now. RSVP needed for lunch count.
 - Registration button to be added on iwac.us home page.
 - To be made public.

New Business

Irrigation and Landscape Design Guidelines Publication Design – Kristen Zimmer and Tonilee Hanson met on 11/27/19 to review the Guidelines document and determine next steps on producing a visually engaging booklet. They recommended that the Booklet audience be the elected officials and not the Technical Assistance Workshop. Tonilee and Kristen will review the Guidelines document with tracked changes and identify anything that can be deleted and ways to make the content more engaging. They will bring their recommendations to the January 14, 2020 meeting.

Recruiting New IWAC Members – This item was tabled because it was not discussed at the December 5th SAJB Meeting. It will be added to the 1/23/20 SAJB Agenda.

Updates Around the Table

Updates were not recorded as Tonilee had to leave the meeting by 3:00 pm.

Agenda for January 14, 2019 Meeting – Report on Liberty Lake City Council Planning Commission Meeting, finalize details for the Irrigation Design Standards 1/29/20 Technical Assistance Workshop and identify additional participants. Review the recommendations for the Guidelines booklet.

Adjourn - There being no further business this 10th day of December 2019, President Pickel adjourned the meeting.

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/>.