



IDAHO WASHINGTON AQUIFER COLLABORATIVE

iwac.us

P.O. Box 1822
Post Falls, ID 83877

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.

March 12, 2019 1:30 – 3:30 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	jbeacham@postfallsidaho.org cborrenpohl@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	bijay@libertylake.org
√		Jeremy Jenkins	jjenkins@libertylake.org
	Moab Irrigation District	Scott Inch	moabirr20@gmail.com
√	Model Irrigation District	Rick Neal	rick@modirr.org
√		Ryan Neal	ryan@modir.org
	Modern Electric Water Company	Bryan St Clair	bstclair@mewco.com
	North Kootenai Water & Sewer District	Chris deGroot	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	scwd3engr@comcast.net
√		Justin VanDyke	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
√	IWAC Past President	Mike Galante	MikeGalante.1@gmail.com
√	City of Spokane Environmental Programs	Doug Greenlund	dgreenlund@spokanecity.org
	City of Spokane Water Department	Kristen Zimmer	kzimmer@spokanecity.org
√	City of Spokane Water Department	Hillary Nickerson	hnickerson@spokanecity.org
√	AHBL	Craig Anderson	

AGENDA

Welcome and Introductions – President Dan Kegley called the meeting to order at 1:30 pm and everyone introduced themselves.

Agenda Additions or Revisions – None requested.

Approval of Meeting Minutes for February – President Kegley called for additions or corrections to the February 12, 2019 meeting minutes. Terry Pickel moved to approve the minutes. Rick Neal seconded the motion. President Kegley called for a vote and the February minutes were approved.

Financial Report – Treasurer Ron Wilson reported that the 2/1/19 previous balance was \$26,208.11. Membership deposits for HARSB, Millwood City, Vera Water & Power, Model Irrigation, Spokane City, SCWD3, LLSWD, CDA, and Spokane County amounted to \$18,000.00. A special contribution of \$10,000.00 was also received from Kootenai County Aquifer Protection District. Two checks were ready for approval 1) #3549 to AHBL for Draft Landscape Standards for \$3,675.00; and 2) #3550 Anne Francis Web Design for \$24.00. Treasurer Wilson requested approval to pay both bills leaving a balance as of 3/12/19 of \$34,210.67. Terry Pickel moved to approve the Treasurer’s report and pay the bills. Rick Neal seconded the motion. President Kegley called for a vote and the Treasurer’s report was unanimously approved.

Old Business

Irrigation Design Standards – Draft Report Review. Craig Anderson of AHBL reviewed the 3/11/19 draft Guidance document and described the changes. Craig described two viable options for irrigation system design certification:

- 1) Certified irrigation audit required prior to occupancy. No occupancy and no water in the tap until the requirements are met.
- 2) Water budget allowance allocates a specific amount of water that can be used, and which can be reduced in drought conditions. (e.g., City of Sammamish all water budget calculations are written into the code. Guesswork is eliminated. Given base calculation and limited water, developers can choose to use more drought tolerant plants or install less turf.

This version included the following appendices:

- Irrigation Association – Best Practices Manual
- Rain Bird’s Guide to California Code of Regulations Chapter 2.7: Model Water Efficient Landscape Ordinance
- Florida Building Codes for Turf and Landscape Irrigation Systems

- City of Allen, TX – Irrigation Plan Review Checklist

Member comments:

- Terry Pickel reviewed the document and will send his edits.
- Dan Kegley liked the reference to Rain Bird and the data tables but requests that the IWAC guidelines include regional data (i.e., transpiration tables, Agrimet network, water balance data evapotranspiration (ETO) and seasonal data) from Coeur d'Alene to Spokane rather than Sonoma, CA data.
- Bijay Adams discussed Agrimet station locations and the impact of microclimates on ETO. The planners can have the list of Agrimet stations and pick the data that is closest to the location of the development project. Bijay will send follow-up information to Craig.
- Tonilee Hanson requested a table of contents, a footer that includes the appendices, and consistent formatting throughout the document.
- The words, "DRAFT" will be added to the footer of the entire document.

All comments and edits are due to Craig Anderson by March 19, 2019. Craig will send the next draft by April 3, 2019 for review and discussion at the April 9th IWAC meeting. Tonilee will send Craig the IWAC logo. Tonilee will draft an introductory letter for page 2 of the Guidance document and send it out for review. Topics to be included in the letter include:

- Idaho and Washington water purveyors working collaboratively to protect our shared resource
- Irrigation Design Standards can impact both water quality and water quantity.
- List of IWAC Members

IWAC Officers – Succession Planning – President Kegley and Vice President (VP) Terry Pickel agreed that in April 2019, Terry will move up to assume the position of IWAC President. Dan will continue to be involved in the role of Past President. Given IWAC's commitment to have equal representation of both states by the officers, the next VP will represent Washington. Election of the VP will be on the April 9, 2019, meeting agenda.

New Business

Identify content for three 30 second KSPS messages to be produced. The members reviewed previously produced IWAC videos (i.e., the 2- minute Irrigation and Landscape Design video and the 11-minute Aquifer video) and identified specific segments that could be incorporated into three new 30 second spots. Two spots will focus on best practices in irrigation and landscape design that protect water quality and one video will focus on landscape and irrigation design that positively impacts water conservation. Messages to be included: Don't take our water for granted. Examples of extreme water scarcity. Talk to irrigation system specialists. Tonilee is scheduled to meet with Dawn Bayman, KSPS, on March 14, 2019 to share IWAC members ideas for the new video spots.

SRF Conference Presentation – Following are the speakers and session description as of 3/12/19.

IWAC Session Title: Model Efficient Irrigation and Landscape Design Standards

Date: April 16, 2019. **Time:** 1:45 – 3:15 pm

Presenters: Bijay Adams, Hillary Nickerson, Kristen Zimmer and Craig Anderson

Moderator: Terry Pickel

Description: Landscape irrigation is the single largest use of potable water in the U.S. During summer months, outdoor water use creates peak demand on existing water supplies and system capacity. Water purveyors and utilities must increase supply as much as three to four times the amount used for domestic needs during the winter. Model standards offer a menu of options for water efficient irrigation and landscape requirements for local jurisdictions, agencies, and water purveyors.

To avoid professional printing costs, it was agreed that all IWAC members will print 10-15 copies of the Guidance document, not including the appendices, for the Spokane River Forum Conference session. Electronic copies will be available.

Updates around the table

Terry Pickel announced The **IESS – AWWA Service Truck Rodeo**, March 13, 2019, at Centerplace Event Center in Spokane Valley. CEU credits are available for ID and WA. This year's a conference includes water and waste water operators as well as a track for non-operator, customer service.

BiJay Adams shared 2 consolidation projects receiving grant loans with 100% and 83% forgivable principle. The Greenridge consolidation of 37 homes was necessary because their well was dug in a septic drain field.

Craig Borrenpohl shared that the City of Post Falls is planning a new well and currently looking for the location.

Rob Lindsay suggested that IWAC representatives may be invited to speak about Landscape and Irrigation Design Standards for rural development at the WIRA Watershed Planning Group.

Brandon Rose shared that Hayden Irrigation District currently has three wells out of service and has only a 75,000-gallon reserve. Issues include excessive vibration and General Electric motor malfunction. HID wants to build a 1-2-million-gallon reservoir but is facing opposition to the presence of a "tower". A new well will be completed by 2021. Growth demand will require additional wells.

Agenda for April 9, 2019 Meeting – AHBL Update on Irrigation Design Standards Guidance Document – Craig Andersen, Wayne Carlson and Brittany Port. SRF Conference presentation preparation. Review KSPS 30 second scripts.

Adjourn

There being no further business this 12th day of March 2019, President Kegley adjourned the meeting at 3:27 pm.

President Dan Kegley

Vice President Terry Pickel

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