



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.

June 12, 2018 1:30 – 2:45 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 Monica Ott	jbeacham@postfallsidaho.org mott@postfallsidaho.org
	City of Spokane Water Department	Dan Kegley	dkegley@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*	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	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	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
	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	MikeGalante1@gmail.com
√	City of Spokane	Doug Greenlund	dgreenlund@spokanecity.org
√	City of Spokane	Hillary Nickerson	hnickerson@spokanecity.org
√	DOH Drinking Water	Scott Mallery	scott.mallery@doh.wa.gov

AGENDA

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

Agenda Additions or Revisions – No changes were requested.

Approval of Meeting Minutes – VP Pickel called for additions or corrections to the minutes for May 8, 2018. No changes were requested. Todd Henry moved to approve the May meeting minutes and BiJay Adams seconded the motion. The motion passed unanimously.

Financial Report – VP Pickel presented the Treasurer’s Report. The Mountain West checking account balance as of 6/12/18 is \$39,756.69. Invoices paid in May included \$258.00 for Anne Francis Web Design and \$1,000.00 to Kayla Wakulich as final payment for the Drippy Project original art. Todd Henry made a motion to accept the Treasurer’s report and Rob Lindsay seconded the motion. VP Pickel called for a vote and the motion passed unanimously.

Old Business

Irrigation and Landscape Design Standards – Question for consideration and discussion, “Should IWAC revise the Irrigation and Landscape Design Standards and RFP to focus only on irrigation standards?” Members were sent to following documents for review prior to the meeting:

- February 2018 draft version of Irrigation and Landscape Design Standards
- 6/12/18 v2 draft focused only on irrigation standards with landscaping standards removed.
- 6/12/18 v2 draft of Irrigation Design standards with a hyperlinked Table of Contents for easy navigation to each section.
- May 2018 RFP for Irrigation and Landscape Design Standards
- Revised 6/12/18 RFP focused only on Irrigation Design Standards

Mike Neher, a retired founding member of IWAC, sent the following written comments which were also shared prior to the meeting.

1. The final document(s) should clearly state whether the standards are mandatory law or (more appropriately) recommended guidance. They should be minimized so as not to duplicate or conflict with other existing requirements (for example, IDEQ reuse

standards and other municipal requirements), or be unnecessarily detailed. They should be narrowly focused on the water use efficiency objectives and not deviate into ancillary areas such as "cross-corner sight distance triangles" which are addressed in road design standards. In general, "Less is more" when it comes to new rules.

2. It looks like this first attempt tries to cast a wide and fine-meshed net on all landscape irrigation users, but I think public buy-in would be more likely if irrigation districts and municipalities would first lead by example for a few years by demonstrating the efficacy of new efficiency standards on their properties (parks, median strips, municipal building sites, etc.). In so doing, the standards could be tweaked to better fit the realities of this area.
3. In the draft Irrigation and Landscape Design document, under Irrigation Design Plan, section 11, there is a requirement for check valves below sprinkler heads and in-line. Wouldn't that be problematic for systems that are drained to prevent pipe freezing? Blowing out lines in the fall with air pressure is not needed for systems that can be adequately drained but check valves would prevent drainage and lead to freezing rupture of pipes and appurtenances.
4. In general, I feel that requiring "licensed" designers, installers and/or maintainers of all landscape irrigation systems is over-regulation and would face public dissent unless the need can be clearly demonstrated. It may be better to go slow, by imposing the added regulatory burden to governments and irrigation districts first, then to schools, then large developments, etc. over time. If a property owner changes the landscaping or irrigation system after initial approval, what happens?
5. Shouldn't yard areas containing orchards and produce gardens be exempted?
6. Can regional water use efficiency be improved more significantly by increased regulation of 1) municipal irrigation customers as a class or 2) large irrigators including farms, parks and golf courses, or 3) is there a plan to address both classes of use?
7. At this stage, it might be useful to obtain the public's and entities' official buy-in (regional MOU?) for specific regional conservation goals before jumping into design, construction and maintenance standards. In other words, maybe it's time to get direction from the governing boards before creating a detailed regulatory document?

A comprehensive discussion was held which considered options for removing or retaining landscape design standards with irrigation standards. A few key points for retaining landscaping in the standards and RFP are noted below:

- Mike Neher's comments reflect some of the conversations IWAC had that led us to the realization that a professional/firm was needed to facilitate development of the model standards and address the different needs of municipalities, agencies and landscape businesses in both Idaho and Washington states.
- The irrigation and landscape design standards should provide a model from which policy makers can choose implementation practices that fit their current needs. The model would include both irrigation and landscape design best practices and provide alternative pathways with small components that can be tailored by each entity.
- The consultant will be tasked with engaging stakeholders and policy makers and soliciting input to refine the model standards.
- Given the Washington State Hirst Water Resource Plan, affecting rural Spokane County, both irrigation and landscape efficiency will be needed for future development.
- The model standards need to encourage conservation through both irrigation design and landscaping choices.

- In the City of Spokane, codes are written referencing an Ordinance Manual with Best Management Practices. The Ordinance Manual can be updated without the need to change the city code.
- Architectural firms are required to consider both landscape choices and irrigation design.
- Water Purveyors who are not municipalities will need to educate local jurisdictions on the value of implementing irrigation and landscape design standards.

The IWAC members present agreed that the model standards and the Consultant RFP should address both irrigation and landscape design.

Monica Ott requested a change in RFP Goal F:

- **F. Original Text:** To apply equally stringent requirements at publicly owned government facilities to lead by example.
- **F. Recommended Text:** To lead by example, encourage implementation at publicly owned government facilities.

BiJay Adams made a motion to distribute the Advertisement for Request for Professional Services (RFP) Efficient Irrigation and Landscape Design Standards with the recommended change to Goal F. Rob Lindsay seconded the motion. VP Pickel called for the vote and the motion carried unanimously. Proposals are due by July 16, 2018 and can be mailed to IWAC or emailed to President Kegley. Everyone is asked to send the RFP to all qualified candidates.

New Business

Water Conservation Video – KSPS provided a proposal for production of a 2-minute video on irrigation and landscape design best management practices at the estimated cost of \$7,000.00. Three 30 second public messages would be produced at the cost of \$10,500.00 for a total cost of \$17,500.00. The members present discussed the proposal and clarified the audiences. The 2-minute video will be designed for elected officials and decision makers. The 30 second messages will be aimed at the public. This proposal is for production costs only and would occur in 2018. In 2019, air time for the 30 second messages would be purchased. The goal is to have everything ready for the spring 2019 irrigation season. The videos will be ready to present at the April 2019 Spokane River Forum Conference. Following discussion, Rob Lindsay made a motion to accept the KSPS proposal for \$17,500 to produce the 2-minute video and three 30 second messages. Todd Henry seconded the motion. VP Pickel called for the vote and the motion passed unanimously.

Report of Media Outreach Analytics – IWAC Website, KSPS, SAJB and SRF Facebook. Tonilee Hanson reviewed analytics provide in Table 1 below, for views to the IWAC aquifer video (10 min.) and the 30 second public messages. Both cities of Coeur d'Alene and Spokane have aired the aquifer video but could not provide data on the number of times aired. KSPS will add the 10-minute video to their [IWAC web page](#) where the public messages (30 second videos) are already located. Total views can be confirmed at 1,340. A list of KSPS shows during which the 30 second messages aired was also provided.

Table 1

IWAC Videos	Aquifer Video 10 minutes	Aquifer Challenge Bathrooms	Aquifer Challenge Oils /Haz Waste	Aquifer Challenge Stormdrains	Aquifer Challenge Lawn Care	Total	Production & air time cost to IWAC
KSPS Spots on- Air 4/28/17 to 11/29/17	0	71	57	152	61	341	\$38,000.00
You Tube	313	137	129	117	62	758	\$0.00
IWAC Website	27	16	22	20	25	110	\$100.00
SAJB Website	47					47	\$0.00
SRF Facebook Got Waste Wednesday	44		40			84	\$0.00
CDA TV							
Cable 5 City of Spokane							
CMTV							
Total	431	224	248	289	148	1340	\$38,100.00

IWAC Media	IWAC Digital Campaign	Total Reach Impressions	Cost to IWAC
SRF Facebook Got Waste Wednesday	2	4.2K	\$0.00
KSPS Facebook	6	7632	Included in \$38,000
KSPS Social Media Posts	12		"
KSPS Tweets	6	1563	"
KSPS eNewsletter	6	8,000/post	"
KSPS Home Page Ads		3542	"
KSPS IWAC web page			"

Updates Around the Table

Rob Lindsay provided an update on Saltese Flats restoration. A SEPA review was conducted. Flow control structures will be installed prior to the wetlands restoration. Spokane County is working in conjunction with the construction of a new Central Valley School District High School to develop a new interpretive and education center. Spokane County Water Reclamation Facility is no longer considering effluent removal to Saltese Flats due to the concern of moving trace levels of toxic substances, like PCBs, into the wetlands. WRIA 55- the Little Spokane watershed planning group will meet on 6/13/18 for a new round of watershed planning based on the Hirst Decision. Mike Hermanson developed a model to predict private well pumping effects on surface water.

Mike Galante is a certified operator in both Idaho and Washington. He is available for short term water management work. Mike’s company, Water Management Consulting, provides the following services: system management, future planning, regulatory compliance, rate studies, engineering services (outsourced), human resources, GIS mapping, project funding (out sourced) and billing services. Contact Mike at (208) – 661-9182 or mikegalante1@gmail.com.

Hillary Nickerson and Doug Greenlund – The City of Spokane’s SpokaneScape turf removal rebate has received 150 calls and 20 applications to date. A notice went out to all rate payers in their May bill. Spokane is planning five SpokaneScape demonstration sites on city properties.

Rick Neal – Model Irrigation District changed its water rates and, as can be expected, is hearing concerns from the community. Model is also in the process of changing its billing system.

Bryan St. Clair reported that Modern Electric Water company is seeing an increase in “Tiny Lots”.

Todd Henry reported that Vera Water & Power increased water rates.

Chris deGroot shared that North Kootenai Sewer & Water District is fully involved in the construction season boom that is occurring over the Rathdrum Prairie.

Terry Pickel – The City of Coeur d’Alene will dig a new well next year to meet the maximum capacity water demand which increases 65-70 % in the summer months. A new booster station is also in the plans to address the needs of 1,900 new residences and 140 new commercial sites.

Agenda for July 10, 2018 Meeting – Irrigation Design Consultant RFP – Application Review Process. Finalize irrigation and landscape design standards video script.

Adjourn

There being no further business this 12th day of June 2018, VP Pickel adjourned the meeting at 2:45 pm.

Vice President Terry Pickel

Secretary, Rob Lindsay

Handouts 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/>.