



## IDAHO WASHINGTON AQUIFER COLLABORATIVE

2160 West Dakota Ave.  
 Hayden, ID 83835-5122  
 208.772.2612  
 Mike Galante - President  
 Ty Wick - Vice President  
 Bryan St. Clair - Secretary  
 Alan Miller - Treasurer

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 region.

May 12, 2015, 1:30 – 3:30 PM, Liberty Lake Sewer and Water District  
 Representatives Present

	Organization	Representative	Email Address
√	<b>Avista</b>	Michele Drake Linda Kiefer	Michele.drake@avistacorp.com Linda.Kiefer@avistacorp.com
	<b>Avondale Irrigation District</b>	Bob Chandler	bobchandlercda@gmail.com
	<b>Bar Circle S Water Company</b>	Rob Turnipseed	avondalecon@frontier.com
	<b>City of Coeur d’Alene</b>	Jim Markley	jimm@cdaid.org
√	<b>City of Post Falls</b>	John Beacham Matthew Isch	jbeacham@postfallsidaho.org misch@postfallsidaho.org
	<b>City of Spokane RPWRF</b>	Mike Coster	mcoster@spokanecity.org
√	<b>City of Spokane Water Department</b>	Dan Kegley Bill Rickard	dkegley@spokanecity.org brickard@spokanecity.org
	<b>Coeur d’Alene Tribe of Indians</b>	Laura Laumatia	llaumatia@cdatribe-nsn.gov
√	<b>Consolidated Irrigation District No. 19</b>	Shane Sheppard	consolidatedirrigation@comcast.net
	<b>East Greenacres Irrigation District</b>	Ron Wilson	ron@eastgreenacres.org
	<b>Hayden Area Regional Sewer Board</b>	Ken Windram Shirley Carter	ken@harsb.org
	<b>Hayden Lake Irrigation District</b>	Alan Miller	alan@haydenirrigation.com
√	<b>Liberty Lake Sewer and Water District</b>	BiJay Adams Jeremy Jenkins	bijay@libertylake.org jjenkins@libertylake.org
	<b>Moab Irrigation District</b>	Kathleen Small	kathleensmall@comcast.net
√ √	<b>Model Irrigation District</b>	Jim Lahde Rick Neal	jim@modir.org rick@modirr.org
	<b>Modern Electric Water Company</b>	Bryan St Clair	bstclair@mewco.com
	<b>North Kootenai Water &amp; Sewer District</b>	Mike Galante	mikeg@nkwsd.com
√	<b>SAJB Program Leader</b>	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	scwd3@comcast.net
	<b>Spokane Tribe of Indians</b>	Brian Crossley	crossley@spokanetribe.com
√	<b>Vera Water and Power</b>	Todd Henry	thentry@verawaterandpower.com
	<b>Guest Speakers</b>		
√	<b>City Idaho Water Engineering</b>	Bob Haynes	bob@idahowaterengineering.com
√	<b>IDEQ</b>	Gary Stevens	
	<b>Bonner County Emergency Management</b>	Bob Howard	
√	<b>Kootenai County Emergency Management</b>	Sandy Von Behren	
√	<b>Kootenai County Emergency Management</b>	Tamie Eberhard	
√	<b>Spokane County Emergency Management</b>	Lisa Jameson	
√	<b>Spokane City Council Member</b>	Mike Fagan	
	<b>Guests</b>		
√	<b>City of Spokane, Environmental Programs</b>	Doug Greenlund	dgreenlund@spokanecity.org
	<b>City of Spokane Valley</b>	Aaron Clary	aclary@spokanevalley.org
	<b>City of Spokane Valley</b>	Art Jenkins	ajenkins@spokanevalley.org
√	<b>City of Spokane Valley</b>	Henry Allen	hallen@spokanevalley.org
	<b>IDWR</b>	Giovanni Del Papa	Gio.delpapa@idwr.idaho.gov
	<b>IDWR</b>	Keith Franklin	Keith.franklin@idwr.idaho.gov
	<b>IWRRI</b>	Mark Solomon	
	<b>K &amp; L Gates</b>	Brian Werst	Brian.Werst@klgates.com
	<b>Spokane County Utilities</b>	Toni Taylor	
√	<b>University of Idaho – Water Education</b>	Jim Ekins	jekins@uidaho.edu
	<b>WA Department of Ecology</b>	Guy Gregory	ggre461@ecy.wa.gov
	<b>WA Department of Ecology</b>	John Covert	Jcou461@ecy.wa.gov
√	<b>WA DOH Drinking Water</b>	Ben Serr	
	<b>WA DOH Drinking Water</b>	Ed Parry	
	<b>Washington State University</b>	Melanie Thornton	melanie.thornton@email.wsu.edu
	<b>Welch Comer Engineers</b>	Ashley Williams	awilliams@welchcomer.com
	<b>Idaho Water Users Assn.</b>	Norm Semanko	
	<b>University of Idaho</b>	Todd Higen	
√	<b>City of Spokane Valley, City Council</b>	Ed Pace	
√	<b>Consultant</b>	Craig Riley	
√	<b>The Lands Council / River Keeper Rep.</b>	Laura Ackerman	
√	<b>Burlington Northern Santa Fe Railroad</b>	Ross Lane	

## AGENDA

**Welcome and Introductions** – Dan Kegley, City of Spokane Water Department, opened the meeting and welcomed everyone. Approval of April meeting minutes and the Treasurer’s report were tabled.

## Old Business

**Emergency Planning for Aquifer Protection:** The number and frequency of trains carrying hazardous materials over the Spokane Valley Rathdrum Prairie Aquifer and Spokane River is increasing? What emergency planning and procedures are in place to protect the regional water supply? What additional

measures can be taken by Idaho and Washington water providers to be prepared in the event of a train derailment?

**Discussion Participants:**

Idaho Department of Environmental Quality – **Gary Stevens** P.G. Hydrogeologist  
Bonner County, ID Emergency Management - **Bob Howard**, Director  
Kootenai County, ID Office of Emergency Management, - **Sandy Von Behren**, Manager  
Spokane County Emergency Management - **Lisa Jameson**, Program Administrator  
Spokane City Council Member - **Mike Fagan**

Bob Howard was unable to participate due to an emergency  
Tonilee Hanson provided a power point overview of increased oil shipments by rail, oil spills and recent impacts on water quality and communities. A pdf of the presentation is available at <http://www.spokaneaquifer.org/wp-content/uploads/2015/05/Emergency-Planning-for-Aquifer-Protection-5.12.15.pdf>.

Gary Stevens presented a model simulating the potential effects on ground penetration for a low volume sustained release compared to a high volume, sudden release. This model demonstrated a non-petroleum substance. There was interest in seeing if the same penetration results would occur with a petroleum product like bakken oil.

Lisa Jameson, Sandy Von Behren and Tamie Eberhard detailed the emergency preparedness and hazard mitigation planning processes for Spokane and Kootenai Counties. Spokane Council member Mike Fagan expressed the need for protecting our communities balanced with an economy that is dependent on transportation moving through the region. .

Discussion points included:

- a commodity flow study looking at all hazardous products entering and leaving an area by any and all forms of transportation
- coordination across emergency response agencies, counties and state lines
- critical infrastructure support and priority in an emergency
- coordinated training and exercises to practice response procedures
- geographic response and staging HAZMAT supplies in critical locations (i.e., aquifer recharge locations along the river where freeway, rail, pipelines or bridges result in potential releases impacting water quality)
- The City of Spokane has elevated rail lines that run through the downtown corridor and a half mile blast radius would impact hospital access and first responders, centers of government and thousands of people who work in the down town area.

Recommended actions included:

- Learn more about IDWARN and see if the PNWS of AWWA for WA has an active WA WARN organization.
- Participate in “Incident Command Training” which is offered on-line
- Participate in table-top and full scale incident simulations
- Know how and when to use Alert Spokane / reverse 911
- Involve Fairchild Air Force base and the National Guard

- Formalize a MOA and system of communication for water purveyors in ID and WA.
- Learn more about Avista's emergency communication system for the hydropower plants as it may provide a useful model for IWAC. Linda Kiefer recommended that Mac Mikkelsen, Hydro Safety Coordinator for Avista could be a guest presenter at a future IWAC meeting.

### Updates Around the Table

#### Agenda for June 9, 2015 – IWAC Member Workshop

- IWAC website development update

#### **Handouts:** Agenda, **Handouts:** Recent articles and [IDWARN Report](#)

##### [May 2 Oil related stories Spokesman Review](#)

- May 2, 2015 – Becky Kramer The Spokesman-Review  
*Feds order oil train cars with leaky valves pulled for repair.*
- May 2, 2015 Associated Press  
*4 oil train accidents occurred this year in U.S., Canada*
- May 2, 2015 – Joan Lowy Associated Press  
*U.S., Canada unveil rules to boost oil train safety*

May 11, 2015 CityLab from the Atlantic – Eric Jaffe

[10 North American Oil Trains Have Now Exploded in 2 Years](#)

[NBC news Heimdal Oil Train 5.6.15](#)

[Oil in North Dakota Derailment Was Treated to Cut Volatility 5.7.15](#)

[New Federal Rules Aim to Stop Fiery Oil Train Crashes](#)

[Spokane seeks seat – Spokesman – March 8, 2015](#)

Previous IWAC meeting agendas, minutes, supporting documents and presentations can be found at <http://www.spokaneaquifer.org/category/iwac/iwac-agendas-minutes/> and <http://www.spokaneaquifer.org/idaho-washington-aquifer-collaborative/initiatives/>