

*IDAWRA Brownbag Presentation: "The Rangen Delivery Call, Mitigation for Junior-Priority Groundwater Use, and Municipal Vulnerability to Curtailment" Tuesday, March 10, 2015, 11:30 -1 pm (talk will start at 11:45)*

*Speakers: Dr. Christian Petrich and Robert Hardgrove, SPF Water Engineering*

*Location: Washington Group Plaza Executive Dining Room (Turn left at the front desk and right at the cafeteria). 720 Park Blvd, Boise, ID*

*Cost: Free, no reservations required.*

**Synopsis:**

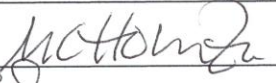



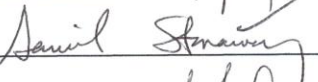
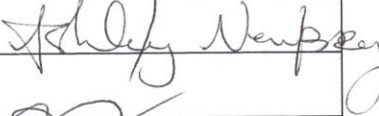

An initial order in the Rangen Delivery Call required, absent mitigation, the curtailment of groundwater pumping for the irrigation of 157,000 acres and the curtailment of pumping under junior-priority municipal water rights by 14 south-central Idaho cities. Christian Petrich and Bob Hardgrove will (1) present a brief history of the Rangen Delivery Call, (2) describe mitigation measures implemented by the Idaho Ground Water Appropriators (IGWA) to address the Rangen call (and deliveries to other senior-priority rights in the Hagerman Valley), and (3) discuss the vulnerability of municipal water rights to curtailment.




**Speakers:**

Dr. Petrich is a co-founder of, and Principal Engineer and Hydrologist with, SPF Water Engineering, LLC, a consulting firm serving public and private clients in Idaho and surrounding states. Dr. Petrich has graduate degrees in civil engineering and geology, and is registered in Idaho as a professional engineer, professional geologist, and certified water right examiner. He has over 28 years of academic and professional experience in engineering and geology, with particular expertise in water-supply planning, hydrogeologic investigations, aquifer testing, numerical modeling, and water rights. Prior to forming SPF, Dr. Petrich led regional investigations of groundwater flow in the Treasure Valley and the Boise Front geothermal system for the Idaho Water Resources Research Institute (University of Idaho).

Mr. Hardgrove is a Principal Engineer with SPF Water Engineering, LLC, a local leading consultant in the areas of hydrologic characterization, water resource development, public wastewater and water treatment system design, civil design, and regulatory compliance. Mr. Hardgrove has over 22 years of professional experience and specializes in general civil design, transmission main design, pump station and storage reservoir design, lined lagoon design, construction management, and project management.

	Name	Organization	Email	Signature
1	Rick Collingwood	IDWR	rimjol@cableone.net	Rick Collingwood
2	Kathy Peter	IDA WRA	KDPETER.H2O@GMAIL.COM	Kathy Peter
3	Roger Thomas	ID PSTF	rhwthomas@gmail.com	Roger Thomas
4	Ed Anderson	TUE	ed@idahowaterengineering.com	Ed Anderson
5	Todd Glindeman	Brown & Caldwell	tglindeman@bruncad.com	Todd Glindeman
6	Danie Merriman	IDWR	danie.merriman@gmail.com	Danie Merriman
7	Tim Brewer	IPCO	TBrewer@idahoPower.com	Tim Brewer
8	Pam Pace	IPCO	ppace@idahoPower.com	Pamela D Pace
9	Jon Bowlin	Idaho Power	jbowljy@idahoPower	Jon Bowlin
10	Ron Abramson	NRC S		Ron Abramson
11	Kevin Lewis	IPCO	kevin@idahorivers.org	Kevin Lewis
12	Ryan Carnie	Geo Engineers	rcarnie@geoengineers.com	Ryan Carnie
13	R Brown	JFF		Royanne Brown

14	Michael Homza	Stream Line	mikhomza@gmail.com	
15	Peter Cooper	SPF	pcooper@spfwater.com	
16	<del>Pick Raymond</del>			
17	Elizabeth Spaulding	The Langdon Group	espauld@langdengroupinc.com	
18	DICK WARDNER	BOOTS MAP SOLUTIONS	BOOTSMAP1@msn.com	
19	LORI GRAVES	SPF	Lgraves@spfwater.com	
20	LaDonne Harris	MSA	lh@msa-ep.com	
21	David Stangel	MSA		
22	Jairo Hernandez	BSU	jairo.hernandez@boisestate.edu	
23	Dan Staraway	IDWR	dan.staraway@idwr.idaho.gov	
24	Ashley Newbry	IDWR	ashley.newbry@idwr.idaho.gov	
25	Mare Kellner	Idaho Conservation League	mkellner@idahoconservation.org	
26	Christine Whittaker	HDR	christine.whittaker@hdrinc.com	
27	Nary McGown		drmcg@juno.com	
28				
29				

30		eshangh@uidaho.edu		
31	Eric Landsberg	SPF Water	elandberg@sptwater.com	
32	Manuel Rauhut	HDR	manuel.rauhut@hdrinc.com	
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