

2010 IDAHO WATER REUSE CONFERENCE

AGENDA

The annual conference enables representatives of city, county, state and federal agencies, consultants, developers, industry experts, operators and other professionals to network and discuss key issues related to water reuse in Idaho and the West.



Register at www.deq.idaho.gov/2010IdahoWaterReuseConference

Day One: Wednesday, May 19, 2010 - Combined Industrial and Municipal Topics

7:00 a.m. - 8:00 a.m.	Breakfast and Registration
8:00 a.m. - 8:10 a.m.	Welcome Session Moderator, Dr. A. T. Wallace, Univ. of Idaho
8:10 a.m. - 8:20 a.m.	Water Reuse in Idaho: An Overview Richard Huddleston, DEQ
8:20 a.m. - 9:20 a.m.	Water Reuse Issues, Technologies, and Applications George Tchobanoglous, Professor Emeritus, U.C. Davis
9:20 a.m. - 9:50 a.m.	Drivers for Reuse: TMDLs Dave Clark, HDR Engineering
9:50 a.m. - 10:10 a.m.	Break and Exhibits Sponsored by Forsgren Associates
10:10 a.m. - 11:10 a.m.	Water Rights Considerations in Water Reuse Decisions: Legal Issues Panel Discussion . . . Sandy Hemenway, IDWR, Jeffrey Fereday, Givens Pursley LLP, and Terry Scanlan, SPF Water Engineering
11:10 a.m. - 11:30 a.m.	Comprehensive Aquifer Management Plan Program Helen Harrington, IDWR
11:30 a.m. - 11:45 a.m.	Break
11:45 a.m. - 12:45 p.m.	Working Lunch: Water Reuse Case Studies George Tchobanoglous, U.C. Davis
12:45 p.m. - 1:30 p.m.	Limits of Technology Nitrates and Aquifer Recharge Dave Clark, HDR Engineering
1:30 p.m. - 2:30 p.m.	Rules/All Classes/ How to do it/Aquifer Recharge Mark Mason, DEQ
2:30 p.m. - 2:50 p.m.	Break and Exhibits Sponsored by Pharmer Engineering
2:50 p.m. - 3:20 p.m.	Reuse Guidance Development - A Consultants Perspective Michael Murray, HDR Engineering
3:20 p.m. - 3:35 p.m.	Groundwater Quality Rule and Significant Degradation Barry Burnell, DEQ
3:35 p.m. - 3:55 p.m.	Wastewater Bio-aerosol Fate and Transport Modeling Rick Hardy, DEQ
3:55 p.m. - 4:15 p.m.	Pathogen Infectivity Modeling and Risk Assessment Jeffrey Fromm, DEQ
4:15 p.m. - 4:35 p.m.	Modeling Microbial Risk and Drift of Class A/B, C, D, & E Wastewaters for Determination of Buffer Zones Mike Cook, DEQ
4:35 p.m. - 5:30 p.m.	Public Acceptance and Involvement for Water Reuse in Corvallis, Oregon Dan Hanthorn, City of Corvallis and Karen DuBose, OSU
5:30 p.m. - 7:00 p.m.	Reception Sponsored by Brown and Caldwell, JUB, HDR Engineering, Sorrento

Day Two: Thursday, May 20, 2010 - Track One: Municipal

7:00 a.m. - 8:00 a.m.	Breakfast and Registration
8:00 a.m. - 8:05 a.m.	Welcome..... .Session Moderator
8:05 a.m. - 8:50 a.m.	City of Meridian Reclaimed Water Program Update Thomas Barry and Clint Dolsby, City of Meridian, Jeff Hansen, HDR Engineering, and Carl Hipwell, Pharmer Engineering
8:50 a.m. - 9:35 a.m.	Rathdrum Prairie Reuse – Different Rules Ken Windram, HARSB and John Tindall, DEQ CDA
9:35 a.m. - 9:55 a.m.	Reuse Water in a Resort Environment Pat McMahon, Sun Valley Water & Sewer and Brad Bjerke, Forsgren Associates
9:55 a.m. - 10:15 a.m.	Break and Exhibits Sponsored by Bowen Collins and Associates
10:15 a.m. - 11:00 a.m.	Is Reuse in Boise City’s Future?..... Bob Kresge, City of Boise and Rick Bishop, CH2M Hill
11:00 a.m. - 11:45 a.m.	Reuse: An Option? Exploring Nampa’s Discharge Alternatives..... Michael Fuss, City of Nampa, Steve Burgos, Brown and Caldwell and Craig Anderson, Murray, Smith & Assoc.
11:45 a.m. - 12:25 p.m.	Hidden Springs WWTF, a “Green” System Dan Barbeau, Pharmer Engineering and Chris Linder, OMCS

Day Two: Thursday, May 20, 2010 - Track Two: Industrial

7:00 a.m. - 8:00 a.m.	Breakfast and Registration
8:00 a.m. - 8:05 a.m.	Welcome..... .Session Moderator
8:05 a.m. - 8:50 a.m.	Irrigation with Reuse Water: System Design, Operation and Drift Considerations Howard Niebling, Univ. of Idaho Water Management Engineer
8:50 a.m. - 9:05 a.m.	Winter Application.....John Kirkpatrick, Basic American Foods
9:05 a.m. - 9:40 a.m.	JR Simplot Food Group Aberdeen, ID Water Reuse Odor Control Case History. . . Kelly Packard, J.R. Simplot
9:40 a.m. - 10:20 a.m.	Simplot Caldwell: Sustainable Land Application.Lance Carter, J.R. Simplot
10:20 a.m. - 10:40 a.m.	Break and Exhibits.....Sponsored by Bowen Collins and Associates
10:40 a.m. - 11:15 a.m.	Predictions of Groundwater Quality Improvements from Potato Process Water Reuse System Upgrades Dan Bruner, CES and Bruce Wright, Basic American Foods
11:15 a.m. - 11:50 a.m.	Water Reuse and Conservation Opportunities in the Geothermal Power Industry... Scott Nichols, US Geothermal
11:50 a.m. - 12:25 p.m.	Blowdown Water Management Options, Evaluations and Regulatory Compliance for the IPC Langley Gulch Power Plant, New Plymouth, Idaho..... Ryan Adelman, Idaho Power and Jeff Johnson, B&C

CEUs pending