



**WateReuse Association**  
**Northern California Chapter Meeting – Agenda**  
 Friday, February 22, 2013, 9:00 AM to 1:00 PM  
 EBMUD, 375 11<sup>th</sup> Street, Oakland, CA

**Unconventional Technologies that can Enhance  
 your Recycled Water Program**

<b>8:30 – 9:00</b>	<b>Breakfast/Refreshments</b>
<b>9:00 – 9:15</b>	<b>Welcome</b> Dawn Taffler, President, Northern California Chapter, WateReuse
<b>9:15 – 9:45</b>	<b>LPHO Amalgam UV Pilot Study at DSRSD</b> Patrick Bollman, ETS-UV Technology
<b>9:45 – 10:15</b>	<b>Wastewater Disinfection (Pasteurization) with Renewable Energy Generation</b> Glenn D'Eon, Pasteurization Technology Group (PTG)
<b>10:15 – 10:45</b>	<b>Break</b>
<b>10:45 – 11:15</b>	<b>AMI Metering Technology</b> Ryan Carnathan, Sensus and Justin Chapel, City of Redwood City
<b>11:15 – 11:45</b>	<b>SFPUC's Living Machine</b> John Scarpulla, San Francisco Public Utilities Commission
<b>11:45 – 12:00</b>	<b>California Section Chapter Business Update</b> Dave Smith, Managing Director, WateReuse California
<b>12:00 – 1:00</b>	<b>Lunch &amp; Networking</b>
<b>Location:</b>	<b>East Bay Municipal Utility District</b> 375 11 <sup>th</sup> Street, Oakland, CA, 94607
<b>Transportation:</b>	The 12 <sup>th</sup> Street BART station is about one block west of EBMUD at Broadway and 11 <sup>th</sup> Streets. Additionally, there is a public parking structure immediately to the south of EBMUD at the Pacific Renaissance Plaza.

**Program Sponsors:**



**DUBLIN SAN RAMON  
 SERVICES DISTRICT**  
*Water, wastewater, recycled water*



**PASTEURIZATION**  
 TECHNOLOGY GROUP

## SPEAKER BIOS:

### PATRICK BOLLMAN

Patrick Bollman has been actively involved in the engineering industry since 1999. After graduating from the University of Cincinnati with a Bachelor of Science in Civil and Environmental Engineering, he went to work for SCS Engineers working on landfill design and environmental sampling. Since the fall of 2000 he has been working exclusively in the UV industry for manufacturers. His latest position led him to Engineered Treatment Systems (ETS) acting as the Municipal Operations Manager. Throughout his years in UV, Patrick has been involved in project management, equipment design and sizing, overseeing a representative's network, validations (including 2 NWRI/Title 22), startup service, and process troubleshooting. Patrick is a registered engineer in Ohio and a member of the N KY Society of Professional Engineers, WEF, AWWA, IUVA, and Water reuse organizations. Finally he has presented at many state and local conferences as well as having articles published in various trade magazines.

### GLENN D'EON

Mr. d'Eon has over 25 years in the water and wastewater industries, with expertise that includes application engineering, sales, business development, management, and contract administration. He specialized in potable water remediation and rotating equipment. Currently he holds the position of National Sales Manager for Pasteurization Technology and has held senior sales and engineering positions at various Fortune 500 companies in the United States and Canada.

### RYAN CARNATHAN

Ryan Carnathan is the Manager of Technical Sales for Sensus USA for the Western US and manages the technical sales, integration and optimization of the Sensus FlexNet™ system and meters for electric, gas and water utility customers. He has more than seven years of industry experience and holds a BS in Electrical Engineering from Portland State University.

### JUSTIN CHAPEL

Justin Chapel is a Public Works Supervisor for Redwood City Public Work. He oversees the four sections of the Water Utility which include Customer & Support Services, Water Maintenance, Water Resources Management, and Recycled Water. He holds a Grade 4 Water Distribution Certificate, Grade 2 Water Treatment Certificate, and is also a Cross-Connection Control Program Specialist. Justin has over 12 years' experience working for municipal water systems with experience in Advanced Meter Infrastructure, Supervisory Control Systems, water conservation programs, and water system maintenance. Justin is currently the system administrator for the Sensus Flexnet AMI meter reading system for the City of Redwood City and is overseeing the implementation of AMI throughout the Redwood City service Area.

### JOHN SCARPULLA

John Scarpulla is a member of the Urban Watershed Management Program at the San Francisco Public Utilities Commission, where he specializes in green infrastructure, non-potable reuse systems, and ecological sanitation.

Before coming to the San Francisco Public Utilities Commission, he worked at the Sierra Club teaching integrated water resource management strategies to planners, elected officials, and developers in San Mateo and Santa Clara counties. He also has worked in the commercial construction sector as a project manager for mechanical and plumbing contractors. John received his master's degree in Environmental Planning from San Jose State University.