



WaterReuse Association Northern California Chapter Meeting

Friday, August 18, 2017

Mitchell Park Community Center: 3700 Middlefield Road Palo Alto, CA - El Palo Alto Room

AGENDA

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| 8:30 – 9:00 | Breakfast and Networking |
| 9:00 – 9:10 | Welcome/Introductions Rhodora Biagtan, President, Northern California Chapter of WaterReuse Phil Bobel, Environmental Services Division Manager, City of Palo Alto |
| 9:10 – 9:30 | Carrie A. Del Boccio, RMC / Woodard & Curran Title: Overview of Northwest Recycled Water Strategic Plan |
| 9:30 – 9:50 | Hossein Ashktorab, Santa Clara Valley Water District Title: Potable Reuse Demo Testing at the Silicon Valley Advanced Water Purification Center |
| 9:50 – 10:10 | Melanie Mow Schumacher, Soquel Creek Water District Title: Pure Water Soquel: Perspective from a Fishbowl |
| 10:10 – 10:30 | Brian Pecson & Sarah Triolo, Trussell Technologies Inc Title: Public Health Protection in DPR: Results from the DPR Demonstration Project |
| 10:30 – 10:45 | Networking Break |
| 10:45 – 11:45 | Panel Discussion - Potable Reuse <u>Moderator:</u> Mark Millan, Data Instincts <ul style="list-style-type: none"> • Manisha Kothari, SF Public Utilities Commission • Peter Haase, Acqualogic • Andrew Salveson, Carollo Engineers • Paul Sciuto, Pure Water Monterey |
| 11:45 – 11:55 | Legislative and Committee Updates Andria Loutsch, Leg/Reg Rep, Northern California Chapter of WaterReuse |
| 11:55 – 12:00 | Closing Remarks Rhodora Biagtan, President, Northern California Chapter of WaterReuse |
| 12:00 – 1:00 | Lunch and Networking |
| 1:30 – 2:30 | Tour: City of Palo Alto Regional Water Quality Control Plant 2501 Embarcadero Way, Palo Alto, CA 94303 |

A special thank you to our sponsors:





Speaker Biographies:

Phil Bobel, PE

Phil Bobel is the Environmental Services Division Manager for the City of Palo Alto, focusing on zero waste programs, water pollution prevention programs and water reuse programs. Before that, he worked in air, water, waste, Superfund and pesticide programs at the U.S. Environmental Protection Agency in San Francisco. Mr. Bobel holds Masters degrees in Environmental Engineering and Public Policy from Stanford and Cornell universities, respectively; and is a registered Professional Engineer.

Carrie A. Del Boccio, PE

Carrie is a civil engineer at RMC, a Woodard and Curran Company. She is a professional engineer with 12 years of experience in recycled water project planning and implementation. She has bachelor's and master's degrees in Civil/Environmental Engineering from UCLA and Cal. Carrie has been involved with several Bay Area recycled water projects including the City of Palo Alto's Northwest County Recycled Water Strategic Plan.

Hossein Ashktorab, Ph.D.

Dr. Hossein Ashktorab has been a Unit Manager of Recycled and Purified Water at the Santa Clara Valley Water District for 20 years. He is currently the chair of the WaterReuse International Advisory Group. He has a Ph.D. in Soil and Water Science from the University of California, Davis, a Master of Science in Irrigation System Design, and a Bachelor of Science in Agricultural Engineering. He has been responsible for all Districts' Water Recycling program and played a key role in the implementation of the Silicon Valley Water Purified Water Center. Prior to working for the District, Dr. Ashktorab worked at the California Department of Water Resources for seven years in urban and agricultural water management. He also taught and performed research at the University of California, Davis and as an Assistant Professor at the Shiraz University, Shiraz, Iran. He has published a scientific book and technical papers on water management.

Melanie Mow Schumacher, PE, MPA

Melanie is the Special Projects-Communications Manager at Soquel Creek Water District. She received a civil engineering degree from Cal Poly, San Luis Obispo, a master's degree in public administration from Golden Gate University, San Francisco, and is a registered civil engineer in the State of California. She has worked on groundwater management for over fifteen years and most recently on the development and evaluation of new sources of supply such as desalination and reuse. Currently, she is the project manager for the District's Pure Water Soquel Project, a groundwater replenishment and seawater intrusion prevention project using advanced purified water. Melanie is a past President of the Monterey Bay Water Works Association and volunteers heavily in the community supporting youth sports and public education.

Brian Pescon

Dr. Pecson is a principal engineer with Trussell Technologies in Oakland, CA. Over the last 16 years, Brian has worked on a variety of reuse issues related to water quality, treatment, public health, and regulations. Brian is working on a number of innovative reuse projects, including the state's first two surface water augmentation projects for the City of San Diego and Padre Dam. He also led the evaluation of DPR reliability and QMRA at the direct potable reuse demonstration project in San Diego, and will present the findings from the one-year demonstration study today.

Sarah Triolo

Sarah Triolo has a B.S. in Chemical Engineering from the University of Virginia and an M.S. in Civil and Environmental Engineering from Stanford University. Ms. Triolo is working on a number of projects related to the reuse of water, including helping to lead the performance evaluation and QMRA of the DPR demonstration facility under WE&RF project 14-12.