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The Environmental Health Division of the Tuolumne County Community Resources Agency Presents

Greywater in California: Designing, Managing, Monitoring

November 15 – 16, 2012
Evergreen Lodge
33160 Evergreen Road
Groveland, California

Because of its location in the Sierras,
cellular service can be unreliable at Evergreen Lodge.

Agenda

Thursday, November 15th — Plenary Sessions All Day

8:00 – 9:00 a.m. **Registration - Lobby**

Unless otherwise noted, the following sessions will be conducted in the Tuolumne Hall

9:00 a.m. ***Welcoming Remarks***
John Gray, District 4 Supervisor, Tuolumne County Board of Supervisors

The Environmental Health Perspective -
Rob Kostlivy, Director, Tuolumne County Environmental Health

9:30 a.m. **Keynote Address:** ***The State of California Water Reuse -***
Dr. Elizabeth Dougherty, Director, Wholly H2O

10:30 a.m. ***Finding the Solution to the California Water/Energy Knot -***
Gary Klein, Managing Partner, Affiliated International Management LLC

11:30 a.m. ***Creating Infrastructure for Change -***
Trathen Heckman, Board President, Transition U.S.

12:30 p.m. **Lunch – Outdoor Dining on the Deck (Hosted)**

1:30 p.m. ***Greywater Residential Study, Lessons Learned -***
Neeraja Havaligi, PhD Candidate, Biodiversity Conservation and Adaptation Expert, and Laura Allen, founding member of Greywater Action

2:30 p.m. ***Greywater and Other LID Approaches to Increase Native Fish Habitat, Rehydrate Watersheds, and Mitigate Stormwater -***
Anna Halligan, Watershed Conservation Coordinator and Restoration Ecologist, Morro Bay National Estuary Program, and Meredith Hardy, Fish Habitat Specialist, California Conservation Corp

3:30 p.m. ***Appropriate Design for Real Onsite Conditions -***
Art Ludwig, Ecological Systems Designer, Author, and owner of Oasis Design

Meet at Tuolumne Hall:

4:00 p.m. ***One Million Gallons Reused: a Walking Tour of Evergreen Lodge's Greywater System*** with Andrew Depolo, Joel Hawley, and Regina Hirsch of Sierra Watershed Progressive

5:00 p.m. ***Break***

5:30 p.m. ***Sierra Wine and Cheese Reception and Keynote Address:***
Community Based Watershed Management and the Greywater Puzzle: Introducing the Water Reuse Conversation through Play -
Barbara Wishingrad, Watershed Management Group

7:00 p.m. **No-Host Dinner in the Tavern or the Restaurant**

9:00 p.m. **Live Music provided by *The Trespassers* in the Tavern**

Friday, November 16th

8:00 a.m. ***Morning Yoga*** led by Heather Sullivan, Program Director, Balanced Rock

8:30 a.m. **Registration - Lobby**

9:30 a.m. **Keynote Address:** ***Benefits of Simplifying California Water Reuse***
Art Ludwig, Ecological Systems Designer, Author, and owner of Oasis Design

10:30 a.m. ***Regulatory Medley: A Perspective From the Capital*** by Justin Malan, Executive Director, California Conference of Directors of Environmental Health, and ***Changes on a Local Level*** by Douglas Oliver, Tuolumne County Chief Building Official

11:30 a.m. ***San Francisco's Alternative Water Source Programs -***
Amanda Dougherty, SFPUC Wastewater Enterprise, and Sarah Rhodes, SFPUC Water Resources Division (San Francisco Public Utilities Commission)

12:30 p.m. **Lunch – Outdoor Dining on the Deck (Hosted)**

Concurrent Sessions

	Cedar Room (located above the Pool House)	**Screening Room** (adjacent to Tuolumne Hall)
1:30 p.m.	***Potential Freshwater Savings from Greywater Reuse in the Bay Area -*** Javier Amaro, UC Berkeley Graduate Thesis	***Biology of a Septic System -*** Rob Kostlivy, Director, Tuolumne County Environmental Health
2:30 p.m.	***Building a Successful Greywater Rebate Program -*** Susie Murray, Water Conservation Technician, City of Santa Rosa	***Greywater: A Southern California Perspective -*** Leigh Jerrard, Founder, Greywater Corps of Los Angeles
3:30 p.m.	***Data Gaps and Databases: How to Monitor and Maintain Greywater Systems -*** Laura Allen, founding member of Greywater Action	***Greywater Plumbing Basics for Plumbers and Non-Plumbers -*** Christina Bertea, Christina Bertea Plumbing and Greywater Action
4:30 p.m.	***Greywater and Rainwater Study for California's People: Their Concerns and Decision Drivers -*** Neeraja Havaligi, PhD Candidate, Biodiversity Conservation and Adaptation Expert	***Installing DIY Systems and the Lessons Learned from the 100 Greywater Challenge -*** Erin Axelrod, Programs Manager for Daily Acts

5:30 p.m. ***International and Statewide Approaches: Greywater BMP Solutions -***
Dr. Elizabeth Dougherty, Director, Wholly H2O

6:30 p.m. **Blue Legacy Film Showings**

7:00 p.m. **No-Host Dinner in the Tavern or the Restaurant**

9:00 p.m. **Live Music provided by *Good Luck Thrift Outfit*, in the Tavern**