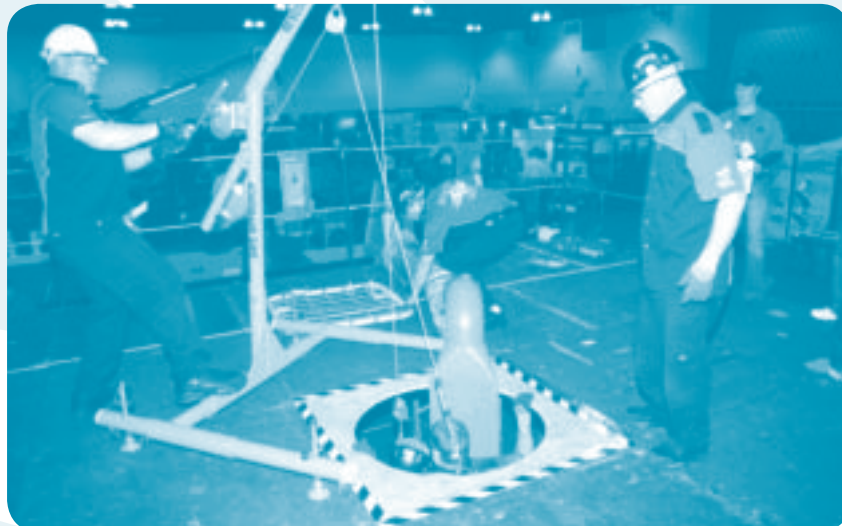


Technical Sessions

	Biosolids	Collections	Engineering & Research	Engineering & Research
Wednesday, April 18 PM				
Session Title	Biosolids Dewatering Operations	System Capacity Evaluation and Planning	Wastewater Treatment	Renewable Energy and Sustainability
Session Chair	Todd Jordan, Carollo Engineers	Eric Nielsen, Water Works Engineers	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill
Presentation Title Speaker Name, Organization	Non-Mechanical Dewatering of Biosolids Andy Smith, West Yost Associates	SASD's Approach to Sewer System Capacity Planning Ligaya Kohagura, Sacramento Area Sewer District	Wastewater Treatment Regionalization Study for South Yuba County Onder Caliskaner, Kennedy/Jenks Consultants	Bioplastics from Sludge: Improved Value Extraction from Waste Streams John Bissell, Micromidas
Presentation Title Speaker Name, Organization	Polymer Optimization for Centrifuge Dewatering Steve Walker, Carollo Engineers	Flow Monitoring Testing Facility = Data Quality and Big \$\$\$ Savings Dave Pitts, Sacramento Area Sewer District	Shifting Towards Anaerobic Treatment: Limits and Developments Scott Buecker, Water Works Engineers	Biogas Turbine Installation for Energy Self-Sufficiency at EBMUD's Main WWTP John Kyser, East Bay Municipal Utility District Biomethanization of Grass Clippings Through Anaerobic Co-Digestion With Wastewater Sludge Martin Musabyimana, East Bay Municipal Utility District
Presentation Title Speaker Name, Organization	Deammonification of Centrate Chandler Johnson, World Water Works	Sewer Modeling Averts Costly Infrastructure Construction Jehan Fugitt, West Yost Associates; Mike Monahan, Vallejo Sanitation and Flood Control District Planning and Funding Collection System Improvements in a Challenging Funding Environment Lani Good, HydroScience Engineers; Bill Slenter, HydroScience Engineers	Design Considerations for Selectors to Improve Settability and Increase Capacity Rick Chan, Carollo Engineer Packed Tower Air Stripping - An Economical Alternative for Meeting California's Stringent THM Limits Kathryn Rogers, Carollo Engineers	Driving Energy Management Home: EBMUD's Sustained Focus on Net-Energy Production Alicia Chakrabarti, East Bay Municipal Utility District Pre-Selection of Renewable Power Generation for City of Visalia - Volatile Regulatory Environment Challenges Vamsi Seeta, Parsons

The technical program can change. Please visit www.cwea.org/conferences for the most up-to-date information.



	Laboratory	Operations & Maintenance	CASA's Communication Committee	Safety	Supergroup (Utility Management)
	Laboratory Training	WWTP Equipment Maintenance	Communication and Outreach	Safety – Above & Beyond	Succession Planning
	Tony Pirondini, City of Vacaville	Don Cottier, South Bayside System Authority	Michele McKinney Underwood, Western Municipal Water District	Marjorie Boone, ehs International	Dennis McBride, City of San Bernardino
1:40 to 2:30	Laboratory Automation of Nutrient Monitoring Mark Koekemoer, Napa Sanitation District	Basic Maintenance of Self Priming Pumps: Hands-On Demo! Jim Rufing, Godwin Pumps	Wastewater Branding Catherine Smith, Executive Director, California Association of Sanitation Agencies Public Presentations and the Practical Use of PowerPoint Greg Chan, East Bay Municipal Utility District	Alcohol & Drug Awareness Bruce Anderson, Safety Center Inc.	Tick, Tock Goes the Clock (The Aging & Changing Workforce) Jerry Bach, CSHM
2:40 to 3:30	NPDES Compliance Inspection Requirements for POTW Labs Diane Lawver, Quality Assurance Solutions, LLC	Check Valve Maintenance Richard Gurevich, Shaw Environmental & Infrastructure Group	Taking Tours to the Next Level Jeff Reinhardt, Las Virgenes Municipal Water District	Violence In The Workplace John Chadwell, ehs International	Where's the Gap? Identifying and Meeting Future Talent Needs Helen Argyres, East Bay Municipal Utility District
3:40 to 4:30	Cyanide Compliance Challenges Ben Giudice, Robertson-Bryan, Inc.	Coatings & Linings For Wastewater & Water Structures Rocky Capehart, Sprayroq, Inc.	Community Outreach: Keeping the Public Informed – Before, During & After Michael Scahill, Central Contra Costa Sanitary District Rate Structure Changes and Outreach Michele McKinney Underwood, Western Municipal Water District	OSHA Regulatory Updates 2012 Marjorie Boone, ehs International	Workforce Reliability at the Regional and Agency Level Cheryl Davis, San Francisco Public Utilities Commission



Technical Sessions

	Biosolids	Collections	Engineering & Research	Engineering & Research	Engineering & Research
Thursday, April 19 AM					
Session Title	Biosolids Management and Operations	Regulatory Enforcement Update and Strategies	Salinity Management	Engineering Design	Wastewater Treatment
Session Chair	Todd Jordan, Carollo Engineers	Eric Nielsen, Water Works Engineers	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill
Presentation Title Speaker Name, Organization	Sustainable Biosolids Management Michael Moore, HDR, Inc.	No presentation. Consider attending the Collections System Breakfast Meeting at 7:00 AM.	TDS Reduction Alternatives and Management Challenges for a Public Wastewater Treatment Facility Erich Delmas, City of Tracy Advanced Recycled Water Treatment – An Effective Long-Term Strategy for Two Agencies Sanjay Reddy, Black and Veatch	Levee Relocation for Flood Control at the Dry Creek Wastewater Treatment Plant Mary Young, West Yost Associates	Notes from a Recent Design, Construction, and Startup of a 5 MGD Tertiary Level Treatment Plant Onder Caliskaner, Kennedy/Jenks Consultants
Presentation Title Speaker Name, Organization	Communicating Across the Table Lorrie Loder, Synagro WWT, Inc.	SSO WDR Enforcement Actions Jim Fischer, State Water Resources Control Board	Embracing the Cost of Your Future Salinity Management Alternatives Joseph DiGiorgio, Stantec Inc.	How to Minimize Change Orders on Complex Engineering Projects Sam Jones, West Yost Associates	Constituents of Emerging Concern at a WWTP Ben Giudice, Robertson-Bryan, Inc.
Presentation Title Speaker Name, Organization	Digester Foaming Causes and Solutions Steve Walker, Carollo Engineers	Okay, We've Entered Into a Cease and Desist Order, How Do We Do the Cleaning That We Promised To Do? Ken Holmes, Holmes International; Dennis Bosch, City of San Bruno	Innovative and Developmental Desalination Technologies for Wastewater Treatment and Reuse Ufuk G. Erdal, CH2M HILL	"Heart Surgery" on a WWTP: Demo and Replacement of a Plant Electrical System Sam Carlson, The Covello Group	Potential Energy Savings with Response Aeration Air Flow Metering Michael Spowh, MS Electrical
Presentation Title Speaker Name, Organization	Challenges of Digester Rehabilitation Harmik Aghanian, CH2M Hill Inland Empire Regional Composting Facility Jamal Zughbi, Inland Empire Utilities Agency	Keeping Baykeeper at Bay: Planning and Agency Collaboration to Reduce RDI/I and SSOs Christopher Peters, Brown and Caldwell	Reducing TDS in Recycled Water – A Way to Stretch Your Recycled Water Even Further Gregg Cummings, Kennedy/Jenks Consultants Ultrafiltration Reject Recovery: A Case Study Minimizing Sewer Discharge Pei-Chin Low, MWH	Rehabilitation of High Temperature Aeration Piping at Wastewater Treatment Plants Using Trenchless Technologies Jennifer Glynn, RMC Water and Environment	Various Equipment Procurement Strategies in Engineering Projects – Pros and Cons Madan Arora, Parsons

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	Government Affairs	Laboratory	Operations & Maintenance	Pretreatment, Pollution Prevention, & Stormwater	Safety	Supergroup (Utility Management)
	How Sustainability is Shaping Policy	Laboratory Training	Optimizing Processes for Compliance	Federal Dental Amalgam Regulation	Safety – Above & Beyond	Financial/Asset Management
	Tish Berge, RMC Water and Environment	Gina Cloutier, Victor Valley Wastewater Reclamation Authority	Don Cottier, South Bayside System Authority	Tim Potter, Central Contra Costa Sanitary District	Marjorie Boone, ehs International	Dennis McBride, City of San Bernardino
8:00 to 8:50	The Delicate Art of Promoting Recycled Water Lori Anne Dolqueist, Manatt, Phelps & Phillips, LLP	No presentation. Consider attending the Lab Committee Annual Breakfast & Awards Meeting at 7:00 AM.	Improving Treatment Efficiency Steven Smith, Endress & Hauser	No presentation. Consider attending the P3S Breakfast Meeting at 7:00 AM.	OSHA as a Resource Kerri Greene, EORM	Financial Viability and the “New Normal” – The Unique Challenges of California Wastewater Agencies Greg Clumpner, HDR, Inc.
9:00 to 9:50	Sustainable and Green Evaluation Tools to Support Wastewater and Stormwater Projects Joanne Siew, RMC Water and Environment	Congener-Specific Analysis for PCBs Using EPA Method 1668C Martha Maier, Vista Analytical Lab	Bringing a Non-compliant Plant to Compliance at Little or No Cost – A Case History Madan Arora, Parsons	Overview of Federal Dental Amalgam Program Damon Highsmith, U.S. Environmental Protection Agency	Earthquake 6.9, Are You Prepared? Tim Page-Bottoff, Total Safety Compliance; Lorri McAuliffe, Utility Safety Services	Maintaining Financial Viability in the Face of the “Perfect Storm” – Meeting the Challenges in California Today Greg Clumpner, HDR, Inc.
10:00 to 10:50	Climate Change Landscape in California and Opportunities for the Wastewater Industry Zeynep Erdal, CH2M Hill	J-Flags and Freshwater Aquatic Toxicity Data Reports Sandy Nurse, Sierra Foothill Lab	Operational Experiences Optimizing RO Membrane Pretreatment at EBMUD’s RARE Facility John Hake, East Bay Municipal Utility District Optimization of WWTP Operations to Meet Stringent Nutrient Limits Benjamin Teymouri, CDM	Coordinating Dental Amalgam Program Implementation Robyn Alongi, California Dental Association	Get Out! Trusting Your Personal Gas Meter Luke Castell, South Bayside System Authority	The Delta, Dischargers, Drinking Water and Dollars – What’s the Right Balance? Kathryn Gies, West Yost Associates
11:00 to 11:50	Registering RECs for Tracking and Ultimate Sale Tom Mossinger, Carollo Engineers	Using qPCR For Rapid Detection and Enumeration of Enterococcus Michael von Winckelmann, Orange County Sanitation District	Evolution of Hyperion’s Pure Oxygen Secondary Treatment Process Abbas Rahimdel, City of Los Angeles	Agency Dental Amalgam Program Panel Bruce Seale, San Francisco Public Utility Commission; John Boyd, Sanitation Districts of Los Angeles County	Arc Flash Compliance Charles Aycock, City of Roseville	City of Livermore’s Asset Management Journey: Asset Management Plan Helen Ling, City of Livermore

Technical Sessions

	Biosolids	Collections	Engineering & Research	Engineering & Research	Engineering & Research
Thursday, April 19 PM					
Session Title	Digester Gas Enhancement	Collection Systems Performance	Disinfection	Energy Supply & Management	Recycled Water
Session Chair	Todd Jordan, Carollo Engineers	Eric Nielsen, Water Works Engineers	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill
Presentation Title Speaker Name, Organization	FOG Delivery Agreements for Digester Gas Enhancement Projects Paul Worlie, Liquid Environmental Solutions	Sanitary Sewer Overflow Reduction Program Data Trends and Analysis Russell Norman, State Water Resources Control Board, and/or Victor Lopez, State Water Resources Control Board	Title 22 Coliform Compliance for WWTPs with Granular Media Filtration Considering Ozonation Yulya Borroum, Stantec Inc. Novel Tracer Test Equipment for Systems with Short Detention Times Greg Stanczak, Trussell Technologies	Cogeneration Upgrades For Increased Energy Efficiency Arvind Akela, CDM	How to Get the Solids Out – Recycling of Hard-to-Treat Wastewater Paul Friedlander, Carollo Engineers Changing Accepted/Old Habits to Improve Discharge Water Quality Mike Falk, HDR, Inc.
Presentation Title Speaker Name, Organization	Build It & They Will Come Kevin Norgaard, City of Fresno	New Alliance of Agencies Set To Transform Collection System Performance In California Christoph Dobson, Sacramento Area Sewer District	Sequential Chlorination for Disinfection of Recycled Water: Progress Toward Title 22 Certification Naoko Munakata, Sanitation Districts of Los Angeles County When the Bug Changes – Planning for Disinfection Against a Moving Target June Leng, HDR, Inc.	Load Shedding System Assessment for Reliable On-site Generation Michael Nakamura, East Bay Municipal Utility District	Combating Nuisance Algae within a Reuse Distribution System Doug Barber, CH2M HILL Testing of a MBR-RO Pilot System for Producing High Quality Recycled Water Thomas Knapp, Sanitation Districts of Los Angeles County
Presentation Title Speaker Name, Organization	Innovative Co-Digestion Tim Raibley, HDR, Inc. Getting to Net Zero Energy At British Columbia’s Largest WWTP Greg Moen, HDR, Inc.	A Comprehensive Approach to Using CMMS, GIS, and a Hydraulic Model for Collection System Planning Tim Loper, Carollo Engineers; Ken Cook, West County Wastewater District	Innovations and Advancements in UV Technology for Large-Scale Municipal Applications Ji An, Trojan Technologies, Inc. Reducing the Cost of NDMA Compliance Vijay Sundaram, Stantec Inc.	Modern Solutions to Prevent Blackouts Scott Manson, Schweitzer Engineering Laboratories	Case Study on IPR Projects for Groundwater and Surface Water Augmentation Greg Bradshaw, RMC Water and Environment Cost and Benefits of Fail-Safe Systems in Direct Potable Water Reuse Erin D. Mackey, Carollo Engineers

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	Government Affairs	Operations & Maintenance	Pretreatment, Pollution Prevention, & Stormwater	Supergroup (Utility Management)	Supergroup (Utility Management)
	Increasingly Stringent Regulation of Effluent and Recycled Water	O&M How To's	Pretreatment	Foresight	Leadership
	Tish Berge, RMC Water and Environment	Don Cottier, South Bayside System Authority	Tim Potter, Central Contra Costa Sanitary District	Dennis McBride, City of San Bernardino	Dennis McBride, City of San Bernardino
1:40 to 2:30	Recycled Water Policy vs. One Molecule Rule Sunny Acosta, HDR, Inc. Receiving Water Limitations – A Tale of Two Wastewater Treatment Plants Brant Jorgenson, Robertson-Bryan, Inc.	Optimizing Chemical Addition for Dissolved Air Flotation Thickening of Algae Larry Parlin, City of Stockton What You Should Know About DAF Pressure Tank Air Dissolution Efficiency Rong Liu, City of San José	Local Limits Development Brian Shoener, Provost & Pritchard	A Detailed Facility Planning at the Laguna County Sanitation District Water Reclamation Facility Ufuk G. Erdal, CH2M Hill	Leading Your Agency from 'Good to Great,' Using the Ten Attributes of Effective Utility Managers Ed McCormick, East Bay Municipal Utility District
2:40 to 3:30	Nutrient Removal/Tertiary Filtration are Coming to a Community Near You – SRCSD's NPDES Permit Experience Robert Seyfried, Sacramento Regional County Sanitation District	Saving a Gravity Belt Thickener: Maximize Belt Longevity while Optimizing Belt Function Shawna Gill, Gill Trading Sequential Batch Reactor (SBR) Grease Removal Optimization Michael Diggs, City of Solvang	SBSA Local Limits Re-Evaluation Norm Domingo, South Bayside System Authority	Dispute Resolution Boards in Construction – A Risk Management Tool Dennis M. O'Malley, Brown and Caldwell	We Can All Become GOOD Leaders: (Part 1 – Character Traits of a Good Leader) Charles Clark, South Placer Municipal Utility District
3:40 to 4:30	SWRCB's Whole Effluent Toxicity Assessment and Control Policy: Regulatory Implications & Strategies Philip Markle, Sanitation Districts of Los Angeles County Are We Ready for Pyrethroid Effluent Limits? Brant Jorgenson, Robertson-Bryan, Inc.	Restoring Confidence in a Hybrid Control Systems Network Garry Parker, Encina Wastewater Authority Change in Filter Control: Increase in Filtered Water Production per Filter Run Rong Liu, City of San José	Salinity Reduction Lani Good, HydroScience Engineers	Harnessing Resources with a Smaller Footprint: 30-Year Roadmap for the San José/Santa Clara Water Pollution Control Plant Jan Davel, Carollo Engineers	Our Next Generation of Leaders (Part 2- Principle Based Leadership) Charles Clark, South Placer Municipal Utility District

Technical Sessions

	Collections	Engineering & Research	Engineering & Research	Engineering & Research	Government Affairs
Friday, April 20 AM					
Session Title	Management and Operations	Engineering Research	Planning and Management	Wastewater Treatment	New Happenings with Waste Discharge Requirements (WDR)
Session Chair	Eric Nielsen, Water Works Engineers	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill	Tish Berge, RMC Water and Environment
Presentation Title Speaker Name, Organization	It's Not Just a "Pipe Dream"... Asset Management for the Wastewater Collection System Garry Lee, Dublin San Ramon Services District; Aaron Johnson, DSRSD; Darin Winton, DSRSD	No presentation. Consider attending the Engineering and Research Breakfast Meeting at 7:00 AM.	No presentation. Consider attending the Engineering and Research Breakfast Meeting at 7:00 AM.	No presentation. Consider attending the Engineering and Research Breakfast Meeting at 7:00 AM.	No presentation. Consider attending the Government Affairs Breakfast Meeting at 7:00 AM.
	8:00 to 8:50				
Presentation Title Speaker Name, Organization	Collection System Basin Maintenance "Maximize Production, Minimize Effort" Chris W. Lopez, Rancho California Water District	Intermittent Mixing of Anaerobic Digester to Reduce Sludge Foam Potential Domenic Jolis, San Francisco Public Utilities Commission Relevance of In-Situ Floc Characterization and Mixing on Process Design Rajat Kanti Chakraborti, CH2M HILL	Fast Tracking Pilot Studies for a \$2 Billion WWTP Upgrade Using a Design/Build/Operate Approach Kurt Ohlinger, Sacramento Regional County Sanitation District; William Yu, SRCSD A Discussion of Key Factors in Implementing Successful Capital Improvement Programs Gino Rapagna, CH2M HILL	Algae Control Methods Compared Shawna Gill, Gill Trading. com. Inc Biotrickling Filters Solve Odor Problems for Mount Holly MUA Louis D. le Roux, BioAir Solutions LLC	State Water Resources Control Board WDR Update Russell Norman and Victor Lopez, State Water Resources Control Board
	9:00 to 9:50				
Presentation Title Speaker Name, Organization	SSO Estimation System Shawn Nesgis, Union Sanitary District	Modeling and Optimization of Tertiary Granular Medium Filtration Systems Onder Caliskaner, Kennedy/Jenks Consultants	What Does a New Drinking Water Supply Have to Do With Wastewater Treatment Dave Anderson, West Yost Associates A Comprehensive Approach to Master Planning Andre Gharagozian, Carollo Engineers	Odor Control: Don't Over Do It Tom Hendrey, Whitley Burchett & Associates, Inc.	Agency Panel – Are you Positioned to Handle the New SSO WDR Requirements? Facilitator: Jaquie Kepke, East Bay Municipal Utility District Invited Panelists: Sacramento Area Sewer District, Central Valley Clean Water Association, Union Sanitary District, et al
	10:00 to 10:50				
Presentation Title Speaker Name, Organization	Developing a Cost-Efficient GIS for a Small/Medium Wastewater Collection System Rich Cunningham, City of Albany; Erin Smith, City of Albany	Challenge Projects on Low Treatment Schemes for Water Reuse – Project 10-06 Andrew Salvesson, Carollo Engineers Comparative Analysis: Large Bubble Mixing vs Mechanical Mixing Stuart Humphries, EnviroMix	How to Create a Recycled Water Program in 10 Years with Federal, State and Local Funding Reymundo Trejo, Upper San Gabriel Valley Municipal Water District	Reduce Carbon Footprint of a WWTP by Simple Means in its Design and Operation Madan Arora, Parsons	Fighting Back: Defending Against a Citizen Lawsuit Phil Scott, West Bay Sanitary District; Melissa Thorne, Downey Brand Attorneys LLP
	11:00 to 11:50				

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	Operations & Maintenance	Pretreatment, Pollution Prevention, & Stormwater	Students & Young Professionals	Supergroup (Utility Management)	Supergroup (Utility Management)
	O&M Strategies and Tools	Storm Water & Public Outreach	Student Presentations	Regulatory Issues	Professional Growth
	Don Cottier, South Bayside System Authority	Tim Potter, Central Contra Costa Sanitary District	Sandie Dudley, CDM	Dennis McBride, City of San Bernardino	Dennis McBride, City of San Bernardino
8:00 to 8:50	Interactive Online Manuals Dennis Gregory, Stantec Inc.	Malibu Shoreline Stabilization Eric Woodhouse, Landscape Development, Inc.	Use of Spore-Forming Bacteria as Indicators of Ultraviolet Disinfection Efficacy Natalie Muradian, University of the Pacific Enhancing the Removal of Natural Organic Matter in Water by Tailored Activated Carbon Valerie Lee Deeter, California Polytechnic State University, Pomona	More Than One Way to Allocate Flow: EBMUD Develops Alternatives to Help Solve a Regional I/I Problem Heidi G. Oriol, East Bay Municipal Utility District	Keeping It Warm & Fuzzy Bruce Anderson, Safety Center, Inc.
	New Strategies & Techniques To Develop an Effective O&M Program Gary Batis, City of South San Francisco; Dr. Ken Kerri, California Department of Public Health	Storm Water Diversion to POTW Nadia Borisova, East Bay Municipal Utility District	California State Water Resources Control Board (SWRCB) 2011 Draft Industrial Storm Water Permit Investigation Margaret Wild, University of the Pacific Nitrogen Removal Through Aeration in Constructed Wetlands: A Pilot Study for the Arcata Wastewater Treatment Facility Teresa B. Garrison, Humboldt State University	Navigating the Regulatory Waters Debbie Webster, Central Valley Clean Water Association	Sacramento Area Sewer District Team Builds One Pinata at a Time Rosemary Clark, Sacramento Area Sewer District
9:00 to 9:50	Innovative Tools for Effective O&M and Construction Coordination Devang Dedhia, CH2M Hill	Stakeholder Led Process for TMDL Development for Los Angeles River Jagit Kaur, CH2M Hill Public Outreach for the City of Los Angeles' OWTS Program Hyginus Mmeje, City of Los Angeles	Cross-Cultural Exchange Amongst International Researchers Promotes Environmental Conservation and Stewardship of Important Natural Resources Brianna Juhrend, University of the Pacific Providing Access to Water in Horqueta, Paraguay: Water System Expansion Project Christina Ramirez, University of the Pacific	Planning for Nutrient Removal and Advanced Treatment Kurt Ohlinger, Sacramento Regional County Sanitation District	Advertise Yourself the Right Way: The Do's and Don'ts of Social Networking Megan Yoo, University of California Irvine/HDR, Inc.
10:00 to 10:50	Wastewater Plant Toxicity Identification Michael Diggs, City of Solvang	Mitigation Measures Implementation for a Marshlands Mary Jacobs, Sanitation Districts of Los Angeles County	Performance and Biofilm Architecture of a Pressurized Biofilm Reactor Treating High-Strength Food Processor Waste Matt Trout, California State University, Fresno Reciprocating Biofilter for Dairy Wastewater Treatment Kyle Fooks, California Polytechnic State University, San Luis Obispo	Managing a Major Emergency Logan Olds, Victor Valley Wastewater Reclamation Authority	Getting Your P's and Q's In Line: Proper Etiquette for Today's Professional Megan Yoo, University of California Irvine/HDR, Inc.
11:00 to 11:50					

Technical Sessions

Collections	Engineering & Research	Engineering & Research
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Friday, April 20 PM

Session Title	Project Implementation and Funding	Membrane Technologies	Wastewater Treatment
Session Chair	Eric Nielsen, Water Works Engineers	Jenny Reina, CH2M Hill	Jenny Reina, CH2M Hill
Presentation Title Speaker Name, Organization	Santa Ana River Interceptor Relocation Project Follow Up to AC11 Presentation Steven Agor, Tetra Tech, Inc.; David Philips, Orange County Sanitation District; Hardat Khulblall, Orange County Sanitation District; James Cathcart, HDR, Inc.	Membrane Bioreactor Phosphorous Removal Demonstration Study Steve Berggruen, Ovivo USA Driving Energy of an MBR with a Giant LEAP Forward John Ciccotelli, MWH	A Biological Selector for Preventing Nuisance Foam Formation in Activated Sludge Plants Denny Parker, Brown and Caldwell
Presentation Title Speaker Name, Organization	One Design Engineer's Favorite Wastewater Pump Station Design Features (And Some Things To Avoid) Bonneau Dickson, Consulting Sanitary Engineers	MBR: New Market Drives Val S. Frenkel, Kennedy/Jenks Consultants	Making It Work With What You've Got – Converting an Oxidation Ditch to an MLE Process Andre Gharagozian, Carollo Engineers The City of Stockton's Solution to Cold Weather Ammonia Removal Issues Colin Barrett, Carollo Engineers
Presentation Title Speaker Name, Organization	Grease Interception; Design vs. Performance Ken Loucks, Schier Products Company		Solving Wastewater Problems with Pulse Air Lift Pumps Randall Wood, Envirocern – Geysers Pneumatic Pump

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	Laboratory	Operations & Maintenance	Pretreatment, Pollution Prevention, & Stormwater	Supergroup (Utility Management)
	Laboratory Training	Operations Enhancement	Pretreatment Resources	Asset Deployment
	Diane Lawver, Quality Assurance Solutions, LLC	Don Cottier, South Bayside System Authority	Tim Potter, Central Contra Costa Sanitary District	Dennis McBride, City of San Bernardino
1:40 to 2:30	Surviving Your Next EPA NPDES Permit Compliance Audit Diane Lawver, Quality Assurance Solutions, LLC	Aeration Improvements to Save Energy Stephanie Vermande, City of San José Unintended Consequences on Disinfection while Transitioning from 2° Treatment to Nutrient Removal June Leng, HDR, Inc.	PPCP Removal Marcus Theodore, Earth Renaissance Technologies	Pumping Water with Fuel Cells – Implementation of a Fuel Cell at Rancho California Water Districts (RCWD) Ace Bowen Pump Station Tom Mossinger, Carollo Engineers
2:50 to 3:40	Purchasing and Implementing a LIMS in 2012 - Panel Discussion (Part 1) Robert Wandro, Ph.D., South Bayside System Authority; Samantha Bialorucki, City of Palo Alto; Tri Nguyen, Central Contra Costa Sanitary District; Mike Giles, San Francisco Public Utilities Commission; Mary Buffington, City of San Mateo	Methods for Reducing Maintenance in Grease Collection Areas Shawna Gill, Gill Trading Fine Screens at a Wastewater Treatment Plant's Headworks Adam Almasri, Inland Empire Utilities Agency	Where Is It Coming From? Nick Klumpp, East Bay Municipal Utility District	The Viability of Power Purchase Agreement (PPA) to Meet an Agency's Renewable Energy Goals Andrew Dale, HDR, Inc.
3:45 to 4:35	Purchasing and Implementing a LIMS in 2012 - Panel Discussion (Part 2) Robert Wandro, Ph.D., South Bayside System Authority; Samantha Bialorucki, City of Palo Alto; Tri Nguyen, Central Contra Costa Sanitary District; Mike Giles, San Francisco Public Utilities District; Mary Buffington, City of San Mateo	How To Start-Up a New Treatment Plant When You Don't Have Any Bugs? Kathryn Gies, West Yost Associates	Apps for Inspectors Chad Peddy Mobile Washers: Not Just a Stormwater Issue Jim Gamble, Crystal Cleaning	Using Asset Management Principles to Assess Utilities' Management, Operations and Maintenance Jim Courchaine, Westin Engineering, Inc.

“Steven Anderson Lift Station (SALS) Pump #4” by **Paul Ward**, Orange County Sanitation District (2011 Photo Contest 2nd Place)

