

30th Annual HWEA Conference

Wednesday 20 February 2008			
8:00 AM	Registration/Exhibits and Wake-Up Coffee		
8:30 AM	Association Welcome and Keynote Address - Room 317A Keynote Speaker - Ramsay Taum		
	Session 1 Room 317A	Session 2 Room 317B	Session 3 Room 318A
9:00 AM	1. The Next Step - The First Full-Scale Hawaiian MBR at Schofield Barracks - One Year After Operation <i>Jeff Penny</i>	2. Board of Certification Update: Statewide Wastewater Operator Training & Certification <i>Wayne Salas</i>	3. Being Single is an Option - A Large Diameter Gravity Sewer Tunnel Project Study <i>Dwayne Deutscher</i>
9:30 AM	4. Case Study of Design-Build 1.8 mgd MBR WWTP, Fillmore, CA <i>Greg Chung</i>		5. Sewer Collection System Reconstruction in a Narrow Residential & Major Traffic Corridor, Design and Construction Management Challenges and Solutions - Kalaheo Ave. Reconstruction Sewer (Emergency Work) <i>James Kwong</i>
10:00 AM	Young Professionals (35 yrs. and under) Mentoring - Room 319A (10:00 AM - 11:30 AM) Networking Break/Exhibits		
10:30 AM	6. Light Through Your Effluent: UV Technologies for Wastewater Reuse Applications <i>JB Neethling</i>	PWO Meeting <i>Theo Leong</i>	7. Wailuku Pump Station force main replacement project <i>Juan Rivera</i>
11:00 AM	8. Are You Wasting WATTS Important? <i>Stephen H. Jeffus, PE</i>	9. Gated Cross Correlation Velocity - A Breakthrough Technology for Wastewater Flow Management <i>Paul Mitchell</i>	10. Force Main Condition Assessment by Internal and External Evaluation <i>Glenn Willson</i>
11:45 AM	Luncheon - Kamehameha III Exhibit Hall		
1:30 PM	11. Comprehensive Assessment of Screw Presses and Evaluation of Full-Scale Performance at North America's Largest Municipal Wastewater Screw Press Facility <i>Kevin Kennedy</i>	12. WERF Nutrient Removal Challenge Program <i>JB Neethling</i>	13. Evaluation and Design of Pumping Stations <i>Rob Williams</i>
2:00 PM	14. Decentralized Alternative Wastewater Treatment for Residential and Commercial Use <i>Harold Nagato, Jonathan Nagato</i>	15. Onsite Wastewater Treatment Survey & Assessment for Hawaii RB <i>Roger Babcock, Jr, PhD</i>	16. The Many Faces of Fusible PVC: A Case Study Exploration of New Way to Join PVC Pipe <i>Rob Craw</i>
2:30 PM	Networking Break/Exhibits		
3:00 PM	17. Grease Digestion to Increase Digester Gas Production <i>Dave Reardon</i>	18. Preparing for NPDES Permit Renewal - Considerations and Strategies <i>Woodie Muirhead</i>	19. Fusible PVC: Wastewater Infrastructure Construction and Rehabilitation Redefined <i>Rob Craw</i>
3:30 PM	20. Septage, Scum, and Grease Handling at POTW <i>Warren Kersten</i>	21. Limitations in Establishing Reliable Recreational Water Quality Standards for Hawaii <i>Roger Fujioka, PhD</i>	22. Promoting Sustainability by Example: The Kitsap SEED Project <i>Doug Bershaur</i>
4:15 PM	Adjourn		
5:00 PM	President's Reception Waikiki Yacht Club		

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Thursday 21 February 2008			
Registration/Exhibits and Wake-Up Coffee			
	Session 4 Room 317A	Session 5 Room 317B	Session 6 Room 318A
8:00 AM	Registration/Exhibits and Wake-Up Coffee		
8:30 AM	23. Fine Screening for Small WWTP Facilities <i>Warren Kersten</i>	24. Basis of Design, Engineering, and Monitoring Reports for Reclamation Reuse for Schofield Barracks <i>Stephen Turnbull, Roger Babcock</i>	25. Impact of Storm Sewer Inflow to Kaelepulu Pond: An Urban Tropical Wetland and Estuary <i>Robert Bourke</i>
9:00 AM	<i>T. R. Gregg</i>	<i>Kevin Kennedy</i>	<i>Victor Moreland and Peter Ono</i>
9:30 AM	Networking Break/Exhibits		
10:00 AM	29. Improving Efficiency & Reducing Energy and Maintenance Costs at the DePere, WI WWTP Aeration System <i>Dale Gretzinger</i>	30. Current Hawaii Anaerobic Digester Cover Projects Review <i>Miguel A. Vera</i>	31. Cost/Performance Analysis of EAD at Multiple PCE/TCE Sites <i>Brian Timmins</i>
10:30 AM	32. Grit Characterization Studies Required to Prevent Grit Deposition at Hawaii WWTP's <i>George Wilson/Vic Moreland</i>	33. Comparing Implementation of MBBR vs. BAF on a Space Constrained Site <i>Victor Occiano/Pete Wong</i>	34. Headworks Evolution; Comminuting to Grinders & Bar Screens to Fine Screens <i>Jim Impero</i>
11:00 AM	35. Advanced Biological Control for WWTP <i>Daryl Letto</i>	36. The Difference Between Clarifiers <i>Warren Kersten</i>	37. Out of Sight, Out of Mind, What Occurs When Stormwater Piping is Ignored? <i>Richard Speer</i>
11:45 PM	Luncheon and Awards - Room 313 A, B & C Emcee - John Katahira Luncheon Speaker - Mr. Mohamed Dahab (WEF Past President)		
1:30 PM	38. Capital Finance Strategies for Utilities <i>Joy Gannon</i>	39. How Overdesign Leads to High Energy Costs & Simple Techniques to Optimize Energy Usage <i>Dave Reardon</i>	40. Experience with Treating High H2S Odor Loading in a Bio-Trickling Scrubber <i>Rick Parker</i>
2:00 PM	41. Using the Geographical Information System to Analyze Honolulu's Coastal Enterococci Data <i>Jared Lum</i>	42. Protective Coatings & Linings for Brick and Concrete Structures <i>Rocky Capehart</i>	43. Variable Frequency Drives: Is Medium Voltage or Low Voltage Best for your Application? <i>Kelvin Hurdle</i>
2:30 PM	44. Managing the City's MS4-Changes and Challenges <i>Gerald Takayesu, Randall Wakumoto</i>		45. Integrated Motor Control <i>Janine Nielsen</i>
3:00 PM	Networking Break/Exhibits		
3:30 PM	46. Flange Bolting Seminar <i>Rich Varalla</i>	47. Reducing Integration Costs Using PreEngineered Solutions <i>Cathi Bradley</i>	
4:00 PM	General Membership Meeting - Room 319B		
5:00 PM	Banquet Dinner and Program - Room 313 A & B Emcee - Lee Mansfield Entertainer - Kamele		