Speakers' Bios

Paul Walton
Speaking in South, Central and North
Paul has worked for over 33 years in the water and wastewater industries. He has been involved for ten years in all aspects of well drilling, well development, pump installation and pump repair. Paul worked for 8 ½ years in the municipal sector involved in maintenance and repair of potable and non-potable water systems including wastewater treatment plants. Paul is currently working with Evans Hydro for the last 14 years involved in sales and technical support for pump design, sales and repair. He is also covering several industry sectors such as water, wastewater, power generation, oil refining, aggregate, and food processing.

John Ivins
Speaking in South, Central and North
John Ivins has more than 32 years experience in wastewater pump design, pump application and sales. He has traveled extensively throughout the USA and Canada tackling some of the most difficult wastewater and industrial waste applications ranging from sewage, sludge handling, slurry handling, shear sensitive liquids, large solids handling, leachate, corrosive liquids, liquids with highly abrasive solids or fines and many others. John has been responsible for many specialty pump designs which focus on solving a problem.

Bruce McDonald
Speaking in the South
Condition Monitoring Solutions has been in business since 1997 providing sales, consultation services and training on Laser Alignment, Dynamic Balancing, Vibration Analysis and Motor Diagnostic Systems. Bruce McDonald is a degreed engineer, BSEE Penn State University, and has been involved with vibration analysis, dynamic balancing and alignment since 1985. Bruce received a Level III Vibration Analysis certification from Technical Associates in 1993, recertified in 2010, and was certified by Ludeca for laser alignment in 1997.

Paul Howard
Speaking in Central and North
H & H Engineering & Supply Co. has been in business since 1996 providing sales, consultation services and training on Laser Alignment, Dynamic Balancing and Vibration Analysis systems. Paul Howard is the Northern California and Northern Nevada representative for Ludeca, Inc. and has over 20 years experience in the fields of Balancing, Vibration and Laser Alignment.
Written cancellation notice is required, and must be received at least 15 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to any conference.

All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable and must be attached to the registration form. Registrations received by CWEA without full payment or purchase order will not be processed.

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California Water Environment Association
7677 Oakport Street, Suite #600
Oakland, CA 94621
Phone: (510) 382-7800 Fax: (510) 382-7810
www.cwea.org/conferences

Earn up to 6 Contact Hours

Objectives You Will Learn

- Better understanding of basic design principles in applying pumps to systems
- Trouble shooting problems
- Proper installation techniques and identifying multiple types of equipment failures
- How to better address failures
- Learn proactive measures to take regarding equipment care
- Learn how to properly operate and maintain plant equipment to extend life and decrease maintenance costs

Who Should Attend

- Technicians
- Operators
- Practitioners
- Managers
- Maintenance

Convenient Locations

Southern Location — May 16, 2012
Sanitation Districts of LA County
1955 Workman Mill Road
Whittier, CA 90601

Central Location — May 23, 2012
Fresno Police Regional Training Facility
6375 West Central Ave.
Fresno, CA 93706

Northern Location — May 24, 2012
Wedgewood Banquet Center
9430 Fircrest Lane
San Ramon, CA 94583

Schedule

8:00—8:30 am  Registration
8:30—10:10 am  Pump Nomenclature and the Anatomy of a Pump Curve
10:10—10:20 am  Break
10:20—11:10 am  Go Lean and Green: Align the Machine
11:10—11:20 am  Break
11:20—12:10 pm  Measurement Techniques of Early Bearing Failure Detection
12:10—1:00 pm  Lunch
1:00—1:50 pm  Mechanical Seals and Packing Systems
1:50—2:10 pm  Break
2:10—3:50 pm  Understanding Repair and Operation of a Vertical Turbine Pump
3:50—4:00 pm  Check Out

Operations & Maintenance
101 and Beyond

Earn Contact Hours