



California Groundwater Association
invites you to its 2014



Water Well Construction Regional Workshop:

for Contractors, Water Purveyors and Regulatory Inspectors
(Pre-CGA Board Meeting Workshop)

MARK YOUR CALENDARS – REGISTER EARLY – LIMITED SEATING

January 23, 2014 (9A-4P)
Courtyard by Marriott
1350 Holiday Lane, Fairfield, CA

What's covered to make sure your water systems are "A-OK"?

- **Groundwater – Reservoir of Strength (CGA overview)**
- **What is a water well**
- **Basic well construction (drilling, casing, seals, development)**
- **Drilling Site Safety**
- **Annular seals with demos of sealing materials**
- **CA Well Standards and Bulletin 74 Updates**

Who should attend?

- ❖ REHS and other regulatory agency staff
- ❖ Water purveyor managers and staff
- ❖ Water Treatment and Distribution operators (CDPH certificates)
- ❖ Groundwater contractors and other groundwater professionals

CONTINUING EDUCATION UNITS (6.00) ARE AVAILABLE

CGA is a CDPH Accreditation Agency for REHS continuing education

REHS and CDPH WATER TREATMENT & DISTRIBUTION OPERATORS
and contractors and other groundwater professionals will receive certificates of completion.

DISCOUNT PRICING AVAILABLE TO CGA and CEHA MEMBERS

California Groundwater Association
PO Box 14369, Santa Rosa, CA 94502
707-578-4408; fax: 707-546-4906; email: wellguy@groundh2o.org

See fax/mail registration form or register online at www.groundh2o.org

What to learn more about CGA?

CGA invites you to attend its January 24-25 Board and Committee Meetings at the Courtyard by Marriott in Fairfield, CA. Rooms are available at a \$92+tax rate.
Contact CGA at 707-578-4408 or wellguy@groundh2o.org for more details.

California Groundwater Association



January 23, 2014
Courtyard by Marriott
Fairfield, CA



Workshop: Water Well Construction

2014 Regional Workshop for Inspectors and Contractors
(Pre-CGA Board Meeting Workshop)

Date/Time	Session Topic	Instructors
Jan. 23, 2014		
9:00-9:30A	Welcome, Introductions and CGA Video: "Groundwater – Reservoir of Strength"	John Hofer, CGA Interim Exec. Director
9:30-10:00A	What is a Water Well?	Mike Maggiora, Maggiora Bros. Drilling
10:00-10:15A	Morning Break	
10:15-11:30A	Basic well construction (drilling, casing, seals, development)	John Kratz, Groundwater Data Inc.
11:30-12:00P	Drill Smart – Drill Safe (DVD)	Dan Meyer, Gregg Drilling & Testing
12:00-1:00P	Lunch on your own	
1:00-2:00P	What is an Annular Seal? Why is it Important?	Dave Hanson, Design Water Technologies
2:00-2:45P	Annular Sealing Materials	Bill Douville, Baroid IDP Paul Funston, Funston Industrial Sands
2:45-3:00P	Afternoon Break	
3:00-3:45P	CA Well Standards	Jeremy Wire, Geoconsultants, Inc.
3:45-4:00P	Q&A and Closing Remarks	CGA

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INSTRUCTOR BIOS AND SESSION TOPICS (in order):

Moderator: John Hofer, Interim Executive Director, CA Groundwater Association, Santa Rosa, CA
John Hofer became the Interim Executive Director of the California Groundwater Association in 2014. He oversees all operations of the groundwater industry association that was formed in 1948. John is a Past President of the California Groundwater Association and is the Vice President of Geoconsultants, Inc. a long time member of CGA. He has a degree in geology from San Jose State University, and is a licensed geologist in California, Oregon, and Arizona.
Contact info: Phone: 707-578-4408; Fax: 707-546-4906; email: wellguy@groundh2o.org
Session topics: Welcome & Introductions, Groundwater – Reservoir of Strength (video on the value of CGA)

Instructor: Mike Maggiora, Corporate Secretary, Maggiora Bros. Drilling, Watsonville, CA
Mike Maggiora has 26 years of experience in the groundwater industry. He has a BS degree in Business Management from San Jose State University. He is a holder of a Grade 2 Water Treatment Operator License and a Grade 1 Water Distribution Operator License.
Contact info: Phone: 831-724-1338; Fax: 831-724-3228; email: watsonville@maggiorabros.com
Session topics: Description of what is a water well, groundwater and aquifer characteristics, applications of wells

Instructor: John Kratz, Owner, Groundwater Data, Inc., Murrietta, CA.
John Kratz is a Past President of the California Groundwater Association and holds a C-57 well drilling and an A-Engineering contractors' license. John has 40 years of experience as a pump and drilling contractor and has supervised a wide variety of drilling projects and has designed and installed domestic and commercial pump systems.
Contact info: Phone: 760-533-3282; Fax: 951-698-1066; email: jfkdriller@yahoo.com
Session topics: Overview of well construction techniques including drilling methods, types of casings, placement of seals; well development.

Instructor: Dan Meyer is the 2013 President of the National Ground Water Association. His drilling background covers 30 years. Dan resides in Southern California and spends his time with Gregg Drilling as a financial advisor and equipment management. Dan's education includes a Masters in Business Administration. He is licensed as a Certified Public Accountant and a Contractor, and is a certified Master Ground Water Contractor.
Contact info: Phone: 714-343-3510; Fax: 562-427-3314; email: dantmeyer@hotmail.com
Session topics: Safety on a drill site using the NGWA Drill Smart, Drill Safe DVD

Instructor: Dave Hanson, Founder, Design Water Technologies, Shorewood, MN
Dave Hanson has experience working on drilling rigs as well as pump rigs for domestic and municipal wells. He worked for Johnson Screens for 15 years and also served with Christiansen Mining Products. Dave is the founder of Design Water Technologies that specializes in well contamination problems such as bacteria and coliform, as well as water well development.
Contact info: 952-474-4657; Fax: 952-470-6637; email: designh2o@aol.com; info@designwater.com
Session topics: Information on annular seals and why they are important in water well construction.

Instructor: Bill Douville, Account Representative and Drilling Fluids Engineer, Baroid IDP, Kingsburg, CA
Bill Douville has 23 years of hands-on experience in Horizontal Directional Drilling applications in machine and tooling design. He designed the HD 1000 fluid mixing system for Case Drills and has performed sales and training for UTI, ARDCO, Ditch Witch and Case prior to joining the Baroid IDP group in 2011. At Baroid, Bill has been involved in Baroid IDP operations (Water Well, HDD, Construction) from field operations to providing technical support and project design recommendations to Baroid representatives, contractors, regulatory agencies and engineering consultants. Bill holds a California D1 water certification and graduated Halliburton Drill Fluid Engineering program in 2011.
Contact info: Phone: 559-309-8899; email: William.douville@halliburton.com
Session topics: Demonstration of various sealing materials.

Instructor: Paul Funston, President, Dyna-Crete/Funston Industrial Sands, Oroville, CA
Paul Funston received an Honor Discharge as an Aviation Electronics Technician the US Navy in 1966. He worked 8 years in the Semiconductor Industry. In 1995 he started Dyna-Crete aka Dynamic Cement Products, Stockton CA. About 2001 Dyna-Crete started bagging sand for the Geothermal Industry. 2004 marked the year Funston Industrial Sands started building a sand processing plant in Oroville. The company is now Dyna-Crete/Funston Industrial Sands.
Contact info: Phone: 530-534-5023; Fax: 530-534-7078; email: dynacrete1@aol.com
Session topics: Demonstration of various sealing materials.

Instructor: Jeremy Wire, President, Geoconsultants, Inc. San Jose, CA
Mr. Wire has nearly 40 years of experience in the application of hydrogeology and geophysics to groundwater development, and water well location, design, and construction. He holds Bachelor's and Master's degrees in geology from Pomona College and UCLA, and is a registered Geologist and certified Hydrogeologist in California and Professional Engineer (Geological) in Nevada.
Contact info: Phone: 408-453-2541 ext. 13; Fax: 408-453-2543; email: jewire@geo-consultants.com
Session topics: Overview of current well construction standards and status of updates of these standards



CGA Water Well Construction Regional Workshop



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January 23, 2014



REGISTRATION FORM

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

CGA Member (please check) Yes No

CEHA Member (please check) Yes No

FEES PER PERSON:

	CGA/CEHA	
	Member	Non-Member
1 Person	\$110	\$160
2 or More Persons	\$ 85 ea.	\$135 ea.

(Must be from same company/agency)



GOT WATER QUESTIONS...
CGA has THE ANSWERS

Print Names of Persons Attending

_____ \$ _____

_____ \$ _____

_____ \$ _____

_____ \$ _____

SEATING IS LIMITED

REGISTER EARLY!

Payment Information

Form of Payment: Check Visa Mastercard American Express Total \$ _____

Card #: _____ Exp. Date: _____ Sec. Code: _____

Name on Card: _____

Signature: _____

**Return your registration to CGA, PO Box 14369, Santa Rosa, CA 94502;
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