



**DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

901 South Stewart Street, Suite 2002

Carson City, Nevada 89701-5250

(775) 684-2800 • Fax (775) 684-2811

<http://water.nv.gov>

October 22, 2014

Mountain States Groundwater Association
950 East Baseline Road #104-1025
Tempe, Arizona 85283

RE: Approved CEU's for Mountain States Groundwater Expo

Ladies and gentlemen,

Listed below please find a list of training classes that qualify for Continuing Education Credits (CEU) for licensed Nevada Water Well Drillers:

Stabilize to Minimize Problems	1 CEU
Right Tool for the Right Job: Underuse, Overuse, Misuse of Well Techniques	1 CEU
Disposal of Spent Drilling Fluids	1 CEU
Chemicals Used in Rehabilitation	1 CEU
Discharge & Disposal Following Rehabilitation & Disinfection	1 CEU
Drilling Fluids: A Common Sense Approach	1 CEU
Updates on Legal & Legislative Issues in the Water Well Industry	1 CEU
Keys to Maintaining Efficient Water Wells	1 CEU
Sonic Drilling-Basic Principles & Applications	1 CEU
Remote Control & Monitoring Solutions	<u>1 CEU</u>
Grand total of approved Continuing Education Credits:	10

If you have any questions regarding this letter, please contact me at the above address, by email at khaffey@water.nv.gov or call me at 775-684-2814.

Sincerely,

A handwritten signature in blue ink that reads "Ken Haffey".

Ken Haffey, P.E.
Staff Engineer

6.0 CEU'S

Water Rights in Nevada

Presented By:

Michael D. Buschelman, P.L.S., WRS,
and Hugh Ricci, P.E.

Hosted By: Nevada Water Resources Association

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This Course Will Provide:

- A detailed explanation of NRS (Nevada Revised Statutes) under title 48-Water.
 - Knowledge about water rights issues as they relate to the purchasing and selling of real estate in Nevada.
 - A review of regulations established for water resource administration in Nevada.
 - Information on court cases, which have initiated water law.
- Approved for 6 Hours General Continuing Education by the Nevada Real Estate Commission #CE.2171001-RE
 - Approved for 6 Professional Contact Hours by the Nevada Division of Environmental Protection, Bureau of Safe Drinking Water
 - Approved for 6 Professional Development Hours by the Nevada Commission of Real Estate Appraisers CE.0008464-A
 - Approved for 6 Continuing Education Law & Ethics Hours by the Nevada State Bar #B14708-VAR
 - Approved for 6 Professional Contact Hours by the State of Nevada, Division of Water Resources

Cancellation/Refund Policy:

Cancellation of registration and request for refund must be made in writing by January 1, 2015. All refunds will have a 25% processing fee. Substitutions are welcome!

About Your Instructors:

Michael D. Buschelman, P.L.S., WRS, is President of Michael D. Buschelman Consulting Inc. He was with Summit Engineering of Reno, Elko and Las Vegas for 13½ years, and was the Chief Water Rights and Water Planning Specialist, as well as the Manager of the Water Rights Department. He has continuously worked in the area of water rights in Nevada since 1975, after graduating from the University of Nevada, Reno. He has instructed in the area of water rights for 29 years and is a Registered Land Surveyor and Nevada Water Rights Surveyor.

Hugh Ricci, P.E., Nevada State Engineer, Retired 2006. Prior to being appointed as the Nevada State Engineer in 2000, Hugh served as the Deputy State Engineer for approximately 10 years. Mr. Ricci has over 25 years experience in the field of water resources and water rights with the Division of Water Resources and is a Registered Professional Engineer in the State of Nevada.

Cost: Early Registration (Received by January 1, 2015)

- NWRA Members \$150 • Non-Members \$200
- \$100 with confirmed Annual Conference registration

Registration (Received after January 1, 2015)

- NWRA Members \$200 • Non-Members \$250
- \$150 with confirmed Annual Conference registration

Date & Time: Monday, January 26, 2015

8:00 AM - 4:00 PM (Lunch is not provided)

Location: Peppermill Resort Spa & Casino

2707 South Virginia Street, Reno, NV 89502

Registration: To register, visit www.nwra.org OR complete this form and mail with payment to: NWRA, P.O. Box 8064, Reno, NV 89507. Note: Seating is limited, so we advise you to register early.

REGISTRATION FORM

Dr.

Mr.

Mrs. Name _____

Ms.

Affiliation _____

Title _____

Suffix/Degree _____

Address _____

City _____

State _____

Zip _____

Phone Number (____) _____

RE or PE License # _____

E-mail _____

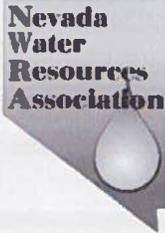
For more information, please call Tina Triplett at 775-473-5473

(Water 1/26/15)

3.5 CEU'S

“Obtaining Useful Answers from Groundwater Models”

Hosted During the 2015 NWRA Annual Conference Week



Tuesday, January 27th, 2015
8:30 am – 12:15 pm
Peppermill Resort Spa & Casino
2707 South Virginia Street, Reno, NV 89502



Groundwater models are developed because questions need to be answered. Regional effects of developing groundwater resources on sensitive ecosystems, existing water rights, and contaminant transport are typical questions, where water managers and society at large expect useful answers. Hydrologists address these questions by developing calibrated groundwater models because problems are often too complex for simple analytical approaches. The lack of alternatives has been noted succinctly by John Bredehoeft, "... if you want to make predictions about how these systems are going to behave, this is the only tool you've got. This is it. You don't have anything else." Predictive utility depends on agreement between actual and estimated hydraulic properties at scales that are defined by posed questions.

The “Obtaining Useful Answers from Groundwater Models” seminar will address necessary elements for developing and reporting useful groundwater models. Topics will follow steps for developing a groundwater-flow model. These include developing a conceptual model, numerically approximating observed features, identifying measured quantities for calibration, distributing hydraulic properties, minimizing differences between measured and simulated quantities through calibration, testing alternative models, and answering original and ancillary questions. Effects of distributing recharge with modified Maxey-Eakin, explicitly simulating mountain blocks, MODFLOW packages, and discretization on model development will be discussed specifically. Relative merits of imposing hydrologic wishes on hydraulic property distributions with zones or pilot points and Tikhonov regularization will be demonstrated. Reporting groundwater-model results also will be discussed with an emphasis on clearly presenting simulated hydraulic properties and keeping model results relevant. Presented material will be appropriate for hydrologists, engineers, managers, lawyers, and all parties affected by groundwater-model results.

The cost for this workshop is \$25.

Coffee and a mid-morning break will be served.

Mr./Ms./Mrs. First Name _____ Last Name _____
Title _____ Degree/Suffix _____
Organization _____
Phone _____ Email _____

Please Mail This Registration Form with Payment to:
NWRA ,c/o Tina Triplett, NWRA Executive Director, P.O. Box 8064, Reno, NV 89507
Or Fax to: **(775) 473-5473**