Successful 2008 CWWCA Mid-Year Conference

CWWCA completed a successful Mid-Year Conference in Breckenridge, July 11-13, 2008.

CWWCA wishes to thank the speakers, Terry Proffet, CGD, Practical GeoExchange Solutions, Larry Seitter, Grundfos Pumps Corp., and Jeff Lawrence and Bryan Pickle, CO Department of Public Health & Environment.

Due to the fabulous efforts from Doug Jatcko, CWWCA Supplier Director, CWWCA received contributions from TEN Suppliers for the Mid-Year Suppliers Sponsored Social Hour.

THANK YOU:
2M Company, CPS Distributors, Dynotek, Front Range Insurance Group, Front Range Precast Concrete, Johnson Screens, Preferred Pump, Pumps & More, Western Hydro Corporation, and WDC Exploration & Wells.

Sixty-five members and guests enjoyed dinner and presentations in the new Beaver Run Resort Copper Top II. Jeff Appel, President, welcomed and thanked everyone for attending the Conference.

CWWCA presented Jack Byers a granite paperweight and golf balls to show appreciation for all of his support to CWWCA throughout the years. Everyone wishes Jack good luck in his new endeavors.

Steve Smith, Front Range Insurance Group, presented the Association with the revenue generated from the Pinnacol Assurance, CWWCA & Front Range Insurance Group Workers’ Compensation Program (see article page 15).

The Association wishes to thank Kate Fegel, CWWCA Spouse Director for organizing a fun “Family Event” for the Conference. Creative Memories Workshop was great fun for those who attended.

During the membership meeting, CWWCA lobbyists informed members of current issues and updates regarding the 2008 Legislative and Ground Water. Thank you to Diane Roth and Chuck Malick.

WHAT’S NEXT FOR CWWCA?

CWWCA ANNUAL CONFERENCE
January 8-10, 2009
Crowne Plaza
DIA Convention Center
15500 East 40th Avenue
Denver, CO 80239
Watch for more information in the December issue of The Drillstem.

Contents
Successful 2008 CWWCA Mid-Year Conference ···· 1
Events Calendar················································ 2
Advertising Information ······································· 2
Web Sites ························································ 2
President’s Letter ·············································· 3
Johnson Controls Long-Awaited Publication ··········· 5
Accident Investigation and Analysis ······················ 9
AGWT Education Forum ··································· 11
When Thunder Roars, Stay Indoors ···················· 15
Front Range Insurance Dividend Program ··········· 15
TWG Update ························································ 16
RFD-TV Show ·························································· 17
Tribute to Calvin Smith ··········································· 17
Committee Listing ······················································ 18
Membership Application ·············································· 19
Website Advertising

Banner Advertising

Banner advertisements appear on the right of every page of the website. The advertisement rotates sequentially, so every ad will have equal display time. If the demand for banner advertisements warrants it, additional banners will be incorporated into the site.

One year banner advertisement: $300.00

If the advertiser is a CWWCA member, this fee also includes a free upgrade of your member directory listing.

Banner ads should be 150 pixels wide, and 150-300 pixels high. Ads must be submitted in .jpg format.

Member directory upgrade

CWWCA Members may choose to upgrade their listing in the searchable member’s directory.

Upgrading allows your listing to be displayed at the top of searches and sorts. It allows your listing to link to your website and upgrading allows you to display your logo or picture of your choice with your listing.

One year of Directory upgrade: $50.00

Pictures for the listing should be submitted in .jpg format and should be 80 pixels high, by 80-160 pixels wide.

DrillStem Advertising

Advertising Rates for the Drillstem, A Quarterly Publication of CWWCA (published in March, June, September, and December)

<table>
<thead>
<tr>
<th>Number of Issues</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<tbody>
<tr>
<td>Savings</td>
<td>0%</td>
<td>5%</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>Full page: 7”x10”</td>
<td>$250</td>
<td>$475</td>
<td>$675</td>
<td>$850</td>
</tr>
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<td>Half page: 5”x7” (3.5”x10”)</td>
<td>$150</td>
<td>$285</td>
<td>$405</td>
<td>$510</td>
</tr>
<tr>
<td>Quarter page: 2.5”x7” (3.5”x5”)</td>
<td>$90</td>
<td>$172</td>
<td>$243</td>
<td>$306</td>
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<tr>
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<td>$50</td>
<td>$95</td>
<td>$135</td>
<td>$170</td>
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</tbody>
</table>

Classified ads are $1.00 per 3.5 inch line. Help wanted ads will not be published. Seeking employment ads will be published. All rates for non-members are 10% higher.

COPIES MUST BE CAMERA READY OR TRANSMITTED ELECTRONICALLY (.doc, .pdf, or .jpg format). Please be sure to include all borders in the given dimensions. Avoid using colors in the ads since the Drillstem is printed in black and white.

SEND COPIES AND CHECK TO:
CWWCA
1540 S. Holly St. #6
Denver, CO 80222
email: ExecDir@cwwca.org

If you have questions, call the office at 303-759-2294

CWWCA Events Calendar

September 2       Technical Working Group Meeting
September 26     CWWCA Board of Directors Meeting
October 7        Board of Examiners Meeting
November 4       Technical Working Group Meeting
December 2-4     NGWA Ground Water Expo, Las Vegas, NV
December 4       Board of Examiners Meeting
January 8-10, 2009 CWWCA Annual Conference, Denver, CO
February 5-7, 2009 Mountain States Ground Water Expo, Laughlin, NV

To add dates of your events to the Drillstem Calendar, please call the office: 303.759.2294

WEB SITES

Colorado Water Well Contractors Association
www.cwwca.org

American Ground Water Trust
www.AGWT.org; privatewell.com

Board of Examiners
www.water.state.co.us/boe/

Colorado Ground Water Association
www.coloradogroundwater.org

Mountain States Ground Water Association
www.mountainstatesgroundwater.com

National Ground Water Association
www.ngwa.org

World Wide Drilling Resource
www.worldwidedrillingresource.com

WEB SITE NEWS

The CWWCA bulletin board is available on WWW.CWWCA.ORG.

Visit the web site today!

CWWCA CONTACTS

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Chief Technical Director:
Reiner Haubold
Reiner@cwwca.org
President's Letter

The CWWCA Association wishes to extend its deepest sympathy to Jeff Appel and his family on the recent loss of Jeff's Mother-in Law. When life presents situations such as this, the 'President's Letter' certainly takes a low priority.

The Association would like to thank Jeff for all of his countless volunteer hours as President and to acknowledge the fact that all of the Board members are extremely busy with their work and their personal lives and yet they take the time to assure that CWWCA continues to be a viable and active Association and they address issues that are important to all of you in the industry.

Remember, as members and interested parties in this Association, CWWCA welcomes your input. Take time to become involved in the organization. Take time to become knowledgeable about the issues that affect your industry. The viability of an Association depends upon it's members, not only for dues, but for action.

Mark your calendars for the 2009 Annual Conference, January 8-10 in Denver, CO. Let the Board of Directors know if you would like to have input into the Conference; topics, speakers, exhibitors, activities. The planning of the Conference is NOW! The success of a Conference depends upon the participation of its attendees.

CWWCA wishes each and every one of you a successful and productive fall and winter and we will see you in January!
Better productivity

- exceptional performance in unconsolidated overburden, including sand, gravel, glacial till & boulders
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- lower drive is also used as a powerful breakout and spinner for drill pipe, hammers & bits
Johnson Controls Releases Long-Awaited Publication

Despite unfortunate delays the THIRD EDITION of Groundwater & Wells (GWW-3) is now on the shelf and we are extremely proud of the finished product.

We have negotiated with our publisher to make available – until the end of this year – the option of having books personalized. You can have copies of GWW-3 imprinted with your customers, employees, associates, or members names. Listed below are a couple of examples:

- John Doe
  ABC Drilling & Supply
  Courtesy: UFO Supply Co.
- John Doe
  ABC Engineering

- Print options: maximum of 3 lines; maximum of 30 characters / line
- Allow 2 – 4 weeks extra shipping.

Contact the CWWCA office for copies of fax order forms for personalized books and pricing information. Please complete all information, and return the fax number listed on the sheet. Please type or print clearly so that there are no errors in the printing of names, companies, etc.

If you still wish to purchase a GWW-3 without personalization, please visit our website at www.johnsonscreens.com/book. Personalized books may not be ordered online.

Drilling Project Posting

Drilling Project: North Dafur, Sudan, the village is El Fasher. The person would be staying in a guest house in El Fasher with some nights under the stars at drilling sites. This is not for the "feint of heart" but it is very rewarding. The rig is a combo. We are most interested at this point in mud drilling as we do not have a compressor yet.

Stephen C Miller
President
Thirst No More
PO Box 2290
Cedar Park, TX 78630
512-382-4318
WWW.THIRSTNOMORE.ORG
Stephen@thirstnomore.org

FOR MORE INFORMATION ON THIS PROJECT CONTACT:
Lawrence A. Cerrillo
Hydrogeologist/Mediator/Facilitator/Arbitrator
P. O. Box 728
Evergreen, CO 80437-0728
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December 2–5 ● Las Vegas, Nevada
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800 551.7379 ● www.ngwa.org/2008expo ● 614 898.7791
The first 24 hours following a workplace accident are critical to your injured employee and to you. What you, as an employer, do during this period can help reduce your workers’ compensation claims costs and, most importantly, help prevent the accident from happening again.

One of the key tasks during this initial 24-hour period is to try to determine the cause of the accident so you can institute loss prevention measures, if necessary. A thorough accident investigation will show not only what happened and how it happened, but also why it happened.

**Accident Investigation**

The first step—and a fundamental part of the accident investigation process—is data collection. Here are the elements of a thorough accident investigation:

- Interview anyone who witnessed the accident.
- Take a statement from the injured worker. Have the worker write down what happened and sign and date the statement.
- Take photos of the accident scene as soon as possible. If the injury involved machinery, you may need to shut it down to preserve evidence.
- Gather any equipment specifications and manuals.
- Gather applicable safety rules and training records.
- As part of your investigation, try to determine if one or more persons outside your company caused or contributed to the accident. If so, get their names and the name of their employer if they were working when the accident occurred. Call Pinnacol Assurance with the information immediately. We may need to send an investigator to the accident site to gather evidence that can help us recover some or all of our claims payments from the responsible party.

**Root Cause Analysis**

The key to preventing the same accident from occurring again is to deter-
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AT THIS TIME THIS OFFERING DOES NOT HAVE STATE CONTINUING EDUCATION APPROVAL. FOR ANY QUESTIONS, PLEASE CONTACT GARRET GRAASKAMP, AGWT, 603.228.5444 e-mail: ggraaskamp@agwt.org. THIS IS NOT A CWWCA SPONSORED OFFERING.

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Forum Hotel:
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mine the root cause of the accident. By conducting a thorough analysis of the data collected, employers will be able to move beyond the immediate event or condition that caused the accident to the event or condition that, if corrected, will prevent a recurrence.

Following are steps for conducting a root cause analysis:

- Review photos of the accident scene.
- Read witness statements.
- Identify trends (e.g., is there a pattern of the same type of accident involving the same piece of machinery).
- Examine the direct (immediate event or condition that causes the accident) and contributing (event or condition that collectively increased the likelihood of the accident) causes of the accident.
- Drill down to the root cause. You may determine that the direct cause of the accident was the failure of a piece of equipment. But to get to the root cause, ask yourself if there is something you could have done differently to prevent that failure.

**Taking Corrective Action**

Once you have investigated and analyzed the accident, you’re ready to take corrective action. Ask yourself what can be changed to make things better. A good corrective action should prevent recurrence of the accident, be feasible, and not create new hazards or risks.

To learn more about accident investigation and analysis, attend one of Pinnacol’s three remaining 2008 seminars on the topic—September 16 in Glenwood Springs, November 13 in Lamar, and December 10 in Grand Junction. Register at www.pinnacol.com by clicking on “Seminars for Employers” (lower right).

If you have questions about accident investigation and analysis, please contact your Pinnacol marketing representative.
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When Thunder Roars, Go Indoors

Editor’s Note: Association Newsletter Article–August 2008
Contact: Judy Stowell (303-361-4779, judy.stowell@pinnacol.com)

It’s that time of the year again—time when severe weather presents challenges for outdoor workers in industries ranging from construction to farming. Summer is the peak season for thunderstorms, which can bring hail, wind, and lightning, although lightning can strike at any time of the year.

Lightning is particularly deadly in Colorado, which ranks 10th among states with the most lightning deaths and injuries, according to the National Oceanic and Atmospheric Administration (NOAA).

NOAA says certain workers are at greater risk from lightning than others. Workers in the following occupations are among those with the most risk:

- Logging
- Explosives handling or storage
- Heavy equipment operation
- Plumbing and pipefitting
- Construction and building maintenance
- Farming and field labor
- Telecommunications field repair
- Power utility field repair

Tips for Lightning Safety on the Job

Here are some tips to protect outdoor workers from the danger of lightning:

When thunderstorms threaten, don’t start anything you can’t stop quickly. Pay attention to the daily forecasts so you know what to expect during the day. Also pay attention to early signs of thunderstorms, which include high winds, dark clouds, rain, distant thunder or lightning. If these conditions are evident, do not start any new task that you can’t quickly stop.

Assess your lightning risk and take precautionary action. During thunderstorms, no place outside is safe. But you can minimize your risk by assessing the lightning threat and taking the appropriate actions. Count the number of seconds from when you see the lightning flash until you hear the thunder. If you count 30 seconds or less, you are in immediate danger. Stop what you’re doing and seek safety in a substantial building. If a substantial building is not available, a metal-topped vehicle with the windows up is your next best choice.

Objects and Equipment to Avoid During Thunderstorms

Stay off and away from anything tall or high, including rooftops, scaffolding, utility poles, ladders, trees, and large equipment such as bulldozers, cranes, backhoes, track loaders, and tractors.

Do not touch materials or surfaces that can conduct electricity, including metal scaffolding, metal equipment, utility lines, water, water pipes, and plumbing. Leave areas with explosives or munitions.

If a Co-worker Is Struck by Lightning:

Call 9-1-1 or your local Emergency Management Services phone number. If the victim’s heart or breathing has stopped, immediately administer CPR.

For more information on avoiding lightning hazards on the job, contact your Pinnacol Assurance marketing representative.

Make Your Workers’ Compensation Premium Work for You and Our Association

Front Range Insurance Group and Pinnacol Assurance presented $6,465 to the CWWCA, equal to 10% of all dividends paid to member contractors for the 06-07 policy year.

Front Range Insurance Group is going into our 5th year of CWWCA/Pinnacol Workers’ Compensation Dividend Program. This program pays dividends back to the participating contractors and the association. Over the last five years we have paid over $200,000 in dividends back to CWWCA members that participate in this program.

If you want to enjoy these benefits as well, we invite all members to contact Steve Smith at Front Range Insurance Group for details as to how to participate and become a part of this effort.

Join in to reap the benefits for your company and our Association. ALL money received by the Association from this program supports the Buck Lively Scholarship Fund.

Steve Smith has been an active member of CWWCA for 12 years. He and his staff provide professional insurance services for many of the members.

Steve Smith
Front Range Insurance Group
1100 Haxton
Fort Collins, CO 80525
970-377-2205 x207
steve@frig.net
Summary of July CWWCA Technical Working Group Meeting


Limit for Cumulative Contractor Violations
The group supported the guideline developed following the May TWG meeting: Generally, violations by Licensed Contractors addressed through the Stipulated Settlement provisions of Board Policy 2004-02 shall be cumulative for four years from the date of settlement or final hearing. A violation from more than four years prior shall not be counted against a Licensed Contractor for the purpose of determining fines or penalties according to the “Fine Schedule” in the Stipulated Settlement process. This limitation does not apply to stipulated resolutions negotiated in response to service of a formal Notice of Hearing or any formal hearing proceedings of the Board or District Court. Nolan Lloyd requested that the CWWCA send a letter to the BOE supporting the draft language. The CWWCA will vote at the July 12, 2008 membership meeting to support the guideline and, pending membership approval, will provide a letter of support to the BOE for the proposed guideline.

Evaluation of “Hands on Experience”
The CWWCA will address the need for “Hands on Experience” at the July 12, 2008 membership meeting. The CWWCA executive committee has sent a letter on behalf of the executive committee, but not the CWWCA membership, in support of strict interpretation of paragraph 6.4.1 of the BOE Rules.

Lithologic Logging
Thom Hanna presented examples of standardized lithologic logging practices to allow better correlation between logs. The group was not unanimously in support of requiring standardized lithologic descriptions, but was supportive of continuing education classes on the topic.

Water Well Construction Rules Review
The BOE will be reviewing the current Water Well Construction Rules during 2010. The CWWCA has formed a committee to review the existing rules and propose changes which better protect ground water in Colorado. A memorandum from the CWWCA Water Well Construction Rules Committee Chairman Todd Hunter was circulated, which identifies areas which may be addressed by the CWWCA, see attached.

Future Topics
Topics proposed for future meetings may include continued discussion of Water Well Construction Rules, geothermal rules, continuing education, in-situ Uranium mining, and issues involving the Republican River Compact.

The next TWG meeting is scheduled to be held at 8:30 AM on September 2, 2008 at the offices of CDM.
Use RFD-TV Show to Educate, Market to Well Owners

On Monday, September 8, you may be tempted to settle back in your easy chair and turn on the cable/satellite TV show “RFD TV Live” to see a show about ground water and wells produced by the National Ground Water Association.

But if you do, you may be missing a great opportunity to educate the public and market your business.

The hour-long show will feature a panel of three NGWA-member experts who will field viewer questions. Also, three videotaped segments will be shown on proper well construction and maintenance, water testing and treatment, and ground water protection.

While not every cable or satellite TV service provider carries RFD-TV, it has significant penetration into American households—an average of 21% of households nationwide, mostly in rural areas.

You may not consider yourself an educator or a marketer, but consider some of the possibilities of how you can use this show:

**Contact your news media:** If RFD-TV is offered in your area, take the short announcement at the end of this story, retype it, and submit it to your local news media.

**Partner for Publicity:** Find a local partner who has a shared interest in promoting water well and ground water stewardship (i.e., local Cooperative Extension Service, local environmental health department, or real estate agency). Brainstorm on how you can get the word out together through fliers, your Web sites, email or other means.

**Direct Mail:** If the show is carried in your service area, send an announcement to your customers. They will appreciate the information and the customer service.

**Host a Show Watching Party:** Invite the public to watch the show with you at a suitable location, then discuss it and answer questions from the public afterward.

**Put it on Your Web Site:** If you have a Web site, link to the three videotaped segments on well construction and maintenance, water testing and treatment, and ground water protection. NGWA also can provide a link to the entire show after it airs on September 8.

It’s not often that ground water and wells are at the center of the national stage. Take advantage of it!

---

**CWWCA Member Remembered — C. R. "Calvin" Smith**

Calvin Smith, born July 7, 1929 in Grandview, MO, passed away on Thursday July 10, 2008. Calvin relocated to Woodland Park in the early 1950’s after discharging from the Air Force and pursued a life as an entrepreneur. Notably remembered as a Driller in Gilpin County, where he and his wife lived and raised their family. He will be greatly missed by family and friends.

---

**Derek Neal Leaves NGWA, Will Be Missed**

CWWCA wishes to thank Derek Neal at NGWA for all of his time and support! He writes:

“My last day at NGWA will be July 31. It has been a pleasure working with you for the last few months. Please pass along my best wishes to everyone in Colorado. Thanks.”
CWWCA Board and Committees

2008 Board of Directors

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Boulder, CO 80302
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Lynn Twiss 970.332.5834
CWWCA MEMBERSHIP APPLICATION

Last Name ___________________________ First Name ___________________________ Middle Initial ________

Company Name ________________________________________________________________

Address ____________________________________________________________

City ___________________________ State ________ Zip _____________

Telephone ___________________________ Fax ___________________________

Other Phone Contact ___________________________

Email Address ___________________________

WEBSITE MEMBERLIST:
Do you wish to have your name listed on the CWWCA Website? (Please circle yes or no, otherwise we will assume that your answer is NO) YES NO
Provide your license number if you wish to be listed as Driller and/or Pump Installer on the CWWCA Website. Otherwise you will be listed as “Member” or other appropriate category.

License Number: ___________

Please check the appropriate membership category

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>1</td>
<td>Drilling Contractor (owner or manager of a well drilling business)</td>
<td>$175.00</td>
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<tr>
<td>2</td>
<td>Pump Installation Contractor (owner or manager of a pump installation business)</td>
<td>$175.00</td>
</tr>
<tr>
<td>3</td>
<td>Drilling and Pump Installation Contractor (owner or manager of both businesses)</td>
<td>$175.00</td>
</tr>
<tr>
<td>4</td>
<td>Associate (any person or firm engaged in the manufacturing or selling of equipment services for the water well industry)</td>
<td>$175.00</td>
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<tr>
<td>5</td>
<td>Technical (an hydrologist, geologist or engineer involved in teaching, research, consulting or government services concerned with the ground water industry)</td>
<td>$40.00</td>
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<td>6</td>
<td>Retired (retired members wishing to retain membership privileges)</td>
<td>$40.00</td>
</tr>
<tr>
<td>7</td>
<td>Affiliate (professionals having an interest in the water well industry)</td>
<td>$40.00</td>
</tr>
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<td>8</td>
<td>Employees (employees of members---$20.00 each employee) Please list name and address of each employee</td>
<td>$20.00</td>
</tr>
<tr>
<td>9</td>
<td>Student</td>
<td>$20.00</td>
</tr>
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</table>

VOLUNTARY UPGRADED CWWCA WEBSITE MEMBERLIST
(Basic member listing is a benefit included in the cost of CWWCA membership. An upgraded listing includes a small photo, preferential placement on the memberlist, a web link and your email address displayed on the member list.) $50.00

VOLUNTARY CONTRIBUTION TO THE CWWCA BUCK LIVELY SCHOLARSHIP FUND (Thank You!!) $________

Total $________

Method of Payment
Check # ___________________________ Amount ____________

Credit Card ________________________ VISA _____ MASTER CARD _____ DISCOVER
Credit Card # ________________________ Expiration Date ________________________
Name on Credit Card ___________________________

Please return your remittance and completed Membership Form to CWWCA
1540 S. Holly St. #6, Denver, CO 80222
Phone: 303.759.2294 Fax: 303.757.0158 email: execdir@cwwca.org
MEMORANDUM

TO:     CWWCA Board Members
FROM:   Todd Hunter
         Water Well Construction Rules Committee Chairman
SUBJECT: Proposed Changes to Water Well Construction Rules

The rules review committee met on Tuesday, June 10, 2008 at CWWCA offices in Denver to discuss the water well construction rule review process, and to decide what specific topics needed to be addressed in moving the review process forward. Those in attendance at the meeting were Todd Hunter, Joe Meigs, and John O'Brien.

Of Particular concern is the protection of the ground water of the state. In order to assure that the water quality of the various aquifers is preserved, we believe that the water well rules should be addressed and new minimum specifications for water well construction be established.

Topics should be prepared to present to the CWWCA Board of Directors at their September, 2008 meeting and hopefully discussion may be held at the 2009 Annual Membership Meeting.

BUCK LIVELY SCHOLARSHIP RAFFLE

For information regarding the 2009 Buck Lively Scholarship Raffle, please contact Kate Fegel at 970-227-6195. In order to make this raffle a huge success, we need your help! Thank you.