Master Brewers Association of the Americas
Rocky Mountain District
September 16-18, 2011 - Out-of-Towner Meeting
Glenwood Springs, Colorado

Our Sponsors:

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- Program and Technical Presentations

MBAA-Rocky Mountain District
September 16-18, 2010 - Out-of-Towner Meeting
Glenwood Springs, Colorado

What: ` MBAA RMD Out-of-Towner Meeting

When: Friday, September 16 – Sunday, September 18, 2010

Where: **Glenwood Canyon Brewing Co.,**
402 Seventh Street, Glenwood Springs, CO 81601
970-945-1276; www.glenwoodcanyon.com

Prepaid Cost: **$15/member; $30/member couple/family; $30/ non-member**
Make checks payable to MBAA & send to
Jonathan Kemp, 3819 Granite Ct,, Ft. Collins, Colorado 80526
Covers the cost of
The Social gathering at Glenwood Canyon Brewing Co (Fri.)
and
The BBQ/picnic at Two Rivers Park (Sat.) and evening meal.

Payment: By Wednesday September 7, 2011. Late registrations add $20.00

Lodging options:

MBAA-RMD has received commitment from The Hotel Denver that they will give us a 10% discount at both The Hotel Denver and The Glenwood Springs Hotel as long as reservations are made no later than Friday September 2nd. Please let the front desk know you are part of the MBAA-RMD group. There are pet friendly rooms available! The Hotel Denver has two large parking lots available on the East side of the building. For additional information pls visit their web sites

www.thehoteldenver.com and www.thehotelglenwoodsprings.com

For those of you who haven't had an opportunity to go to an "out-of-towner" meeting, you have missed what is considered to be the highlight of our MBAA-RMD year. Look at the photos from the past OOT meetings on our special MBAA-RMD member's only web page on BCI's web site
The picnic/BBQ put on by your entertainment chair, Steve Woodward, is fantastic. It is also your chance to unseat the past 6 years reigning horseshoe champs, Steve Presley and Gary Dick! So mark it down on your calendar now and make your plans to attend.
We strongly encourage you to make your hotel reservations soonest possible and RSVP now.

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Schedule of events:

Friday evening

~ 16:00 PM - E-Board Meeting
~ 18:00 PM - ?? - Social gathering at Glenwood Canyon Brewing Co

Saturday morning

- 08:00 AM - Technical presentations at Glenwood Canyon Brewing Co

Saturday afternoon

~13:30 PM - Carpool to Two Rivers Park for BBQ , beer tastings, horseshoe competition, lots of fun, etc

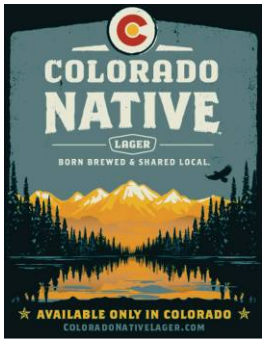
Saturday evening

– Evening - ?? - tbd

Samples of your participating fellow member's favorite beers will be available throughout the meeting as a donation by their breweries

Donated beers from:

- *AB-InBev, Fort Collins*
- *Asher Brewing Co., Boulder*
- *Avery Brewing Co., Boulder*
- *Glenwood Canyon, Glenwood Springs*
- *AC Golden Brewing Co.,Golden*
- *New Belgium Brewing Co., Fort Collins*
- *Odell Brewing Co, Fort Collins*



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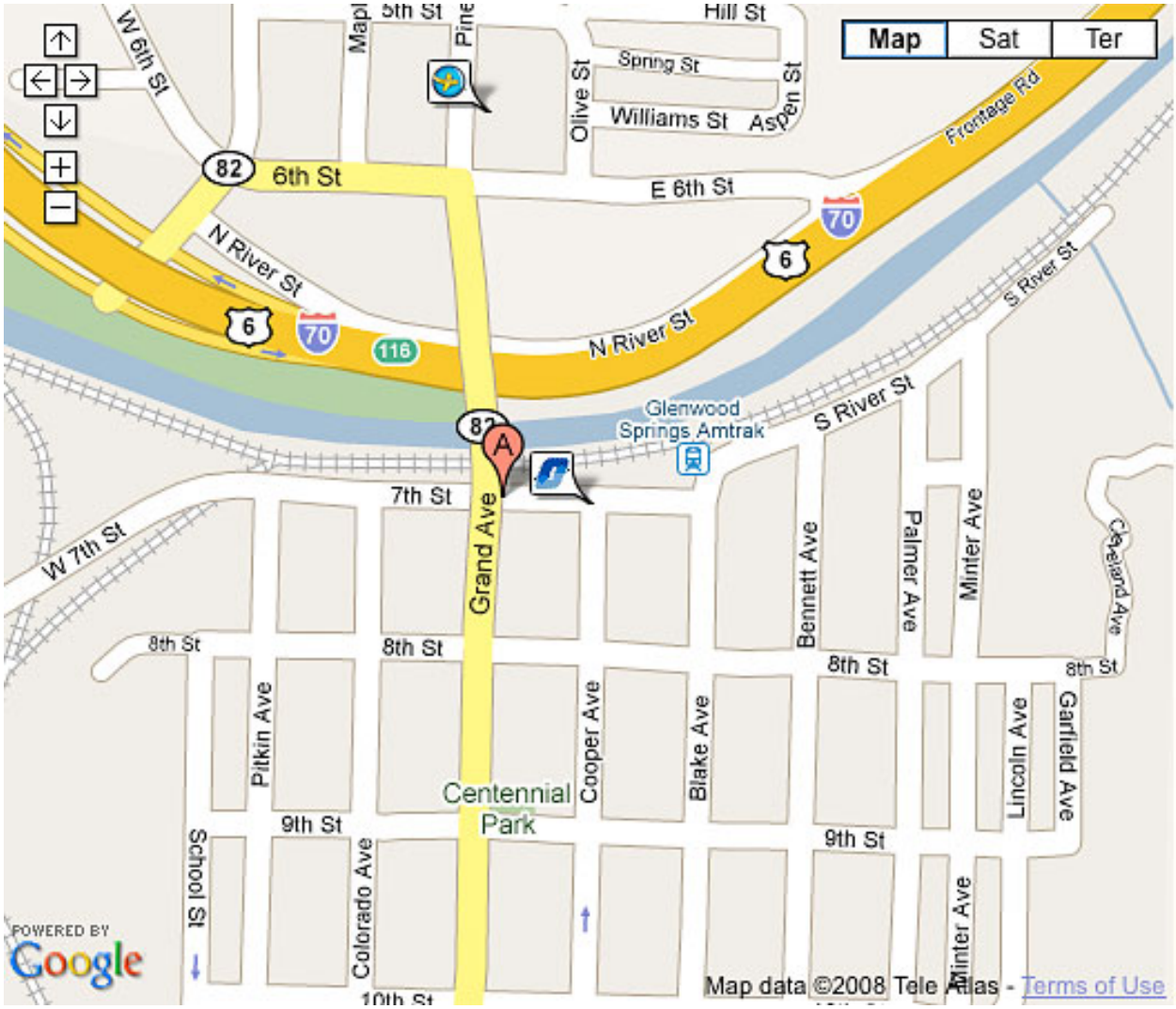
Glenwood Canyon Brewing Co.,
and
The Hotel Denver
402 Seventh Street
Glenwood Springs, CO 81601
970-945-6565 - www.thehoteldenver.com

Star of Glenwood Springs since 1915



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Hotel Glenwood Springs
52000 Two Rivers Plaza Road,
Glenwood Springs, CO 816601
Phone: 970-928-8188 or 888-411-8188,
www.hotelglenwood.com

Room Rates

The Hotel Denver:

The Denver Rooms, These are newly remodeled come with king or queen beds and feature views of the Mountains to the East of the hotel. $139 per night

Colorado rooms are another great choice, These are the larger rooms in the hotel. All of our Colorado rooms have different bed configurations, and they all have views of the Colorado River. $159 per night

Double Queen rooms each has 2 queen beds and most of them also have a pullout sofa in the room. These rooms are located inside the hotel, which means they will have views of our Atrium inside the hotel or they will feature stained glass windows in the rooms. This type of room fits 2-3 people very comfortably. $149 per night.

Suites are two room suites separated by French doors; in one room they feature a queen bed and the living area they have a pullout sofa. There is one suite with 2 queen beds they are also separated by a sliding wood door. $179 per night.

Standard rooms feature one queen bed with views of the Colorado River or the downtown area. $129 per night

Inside Standards are basically the same as Standard Rooms except for the view, instead they will feature views of the Atrium inside the hotel or stained glass windows in the rooms. $109 per night

Value rooms are situated above the brewpub and have queen size beds. $90 per night.

Glenwood Springs Hotel

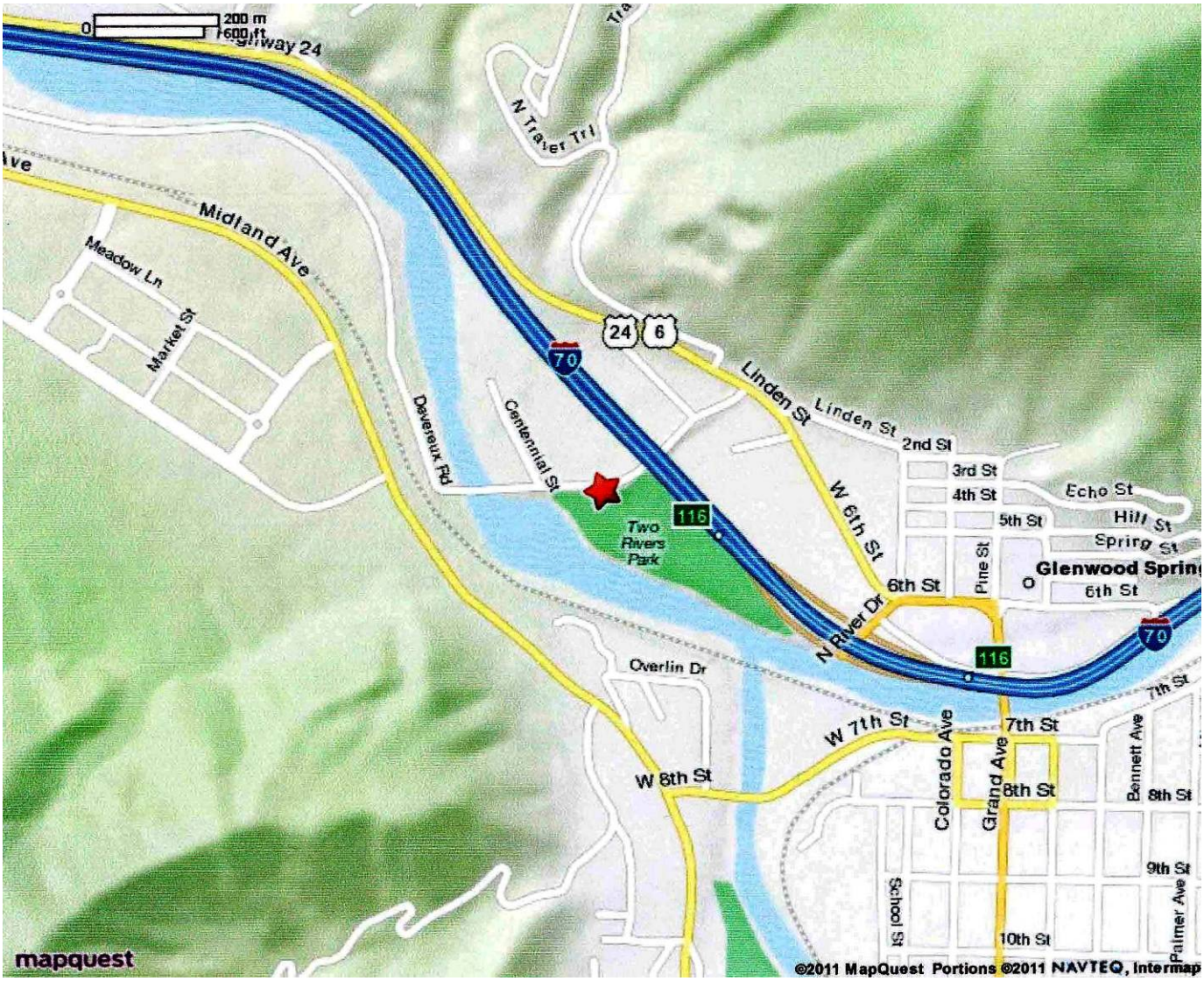
Double Queen room – 1 room 2 queen beds - $109

King room – 1 room, 1 king bed - $109

If anyone is bringing a dog Glenwood Springs Hotel has pet friendly rooms with two queen size beds in each room. $124

Two Rivers Park

740 Devereux Road, Glenwood Springs, CO 81601
http://www.infosports.com/parks/CO/315188.html



Technical Presentations
MBAA-Rocky Mountain District Meeting
Saturday September 18, 2011, 8:00AM-12:30
at
Glenwood Canyon Brewing Co., 402 Seventh Street, Glenwood Springs, CO 81601
Ph: 970-945-1276; www.glenwoodcanyon.com

Technical Program:

(Approx. time schedule)

08:00 - 08:30 - Coffee/tea/etc.
08:30 - 09:00 - Presentation #1 - Todd W. Hansen
09:00 - 09:30 - Presentation #2 – Jason P. Smith
09:30 - 10:00 - Refreshment Break/Announcements re BBQ
10:00 - 10:30 - Presentation #3 – Stephen O'Sullivan
10:30 - 10:45 - General Discussions
10:45 - 11:15 - Presentation #4 – Dana Johnson
11:15 - 11:45 - Presentation #5 - Ken Jones
11:45 - 12:45 – Brewery visit

Drive to Two Rivers Park around 13:00 – ??? for BBQ, Fellowship, Beer Tastings, The exciting Horseshoe Competition, Lots of Fun, etc.

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Presentation #1

Author/Presenter:

Todd W. Hansen, Sr. Resident Brewmaster
Anheuser-Busch, InBev, Fort Collins, Colorado 80524
Ph: 970.490.4510: E-mail: todd.hansen@anheuser-busch.com; www.anheuser-busch.com

Title:

Saving Extract.
Running a cost effective operation in a practical manner

Abstract:

Large and small brewers alike, must run Cost Effective operations in order to stay competitive and "keep the doors open". The brewer faces many cost challenges in their daily operations, Raw Materials, Utility, People, Packaging Materials, Facility, Sales & Marketing, just to name a few. Extract, that portion of the Raw Materials that contains the carbohydrates, protein and enzymes, serves as the beginning of any great beer. The brewer must monitor and control his processes to insure he is getting all the extract possible from his operation. This presentation will discuss practical methods of insuring the maximum amount of extract is obtained from the grains, while not sacrificing through put or taste quality. We will review each part of the brewing process, starting with Grains Receiving, through Packaging, exploring options for saving grain, wort or beer.

C.V. - Brief:

Todd W. Hansen is the current Sr. Resident Brewmaster for Anheuser-Busch, InBev in Fort Collins, Colorado. Todd has been working for A-B for 24 years, with the last 14 as the Sr. Brewmaster in Columbus , Ohio and Fort Collins. Todd's background with A-B includes several start-ups of new equipment and entire breweries. Todd was responsible for the start-up of expansions in Columbus and Fort Collins, in which both breweries added new brew houses and fermenting cellars, along with increased capacity expansions of 35%. Todd is a practical, hands-on brewer who is very passionate about making a great glass of beer! Todd has been a member of MBAA since 1993.

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Presentation #2:

Author/Presenter:

Jason P. Smith, LEED A.P., Energy & Environmental Specialist
Miura North America, Inc., 1900 The Exchange, Suite 330, Atlanta, Georgia 30339
Ph: 770.916.1695; E-mail: jason.smith@miuraboiler.com; www.miuraboiler.com

Title:

Optimizing Energy Management of Industrial Process Steam via On-demand Steam Systems

Abstract:

Boilers account for nearly half of industrial energy consumption and represent one of the most energy intensive systems involved in the brewing industry. Innovation in conventional boiler technology has stagnated for many decades and the vast majority of those in operation today are 19th-century technology. Given the preponderance of aged, obsolete boiler technology currently in service in this industry, it is critical to raise awareness and examine the role of emerging new technologies to address the energy and environmental challenges inherent with process steam/heat generation.

In the same way that tank-less / instantaneous water heating systems are eschewing a new era in energy efficiency in the residential sector, compact modular on-demand steam generation systems are poised to support the same kind of transformation in the industrial sector. Moreover, given the large amount of energy consumed and the sharp minute-to-minute variations in process steam demands in the brewing industry, on-demand steam generation has the play a significantly larger role in increasing energy efficiency. Rather than settling for the limited performance provided by conventional obsolete boiler technology in managing variable process loads, it is possible to leverage new technology that better aligns with sound energy management best practices to optimize process steam performance for reduced energy consumption & environmental impact.

This presentation will illustrate how emerging on-demand process steam boiler technologies will play a part in addressing the energy and environmental challenges facing the North American brewing industry with the ultimate goal of producing more beer…less Btu's.

C.V. - Brief:

Jason Smith has a background in Architecture & Engineering with over 15 years experience with the design and construction of high performance "green" buildings and over 5 years experience as a LEED Accredited Professional integrating sustainable design solutions into facilities that address energy efficiency and contribute to reducing their environmental impact.

Jason is celebrating 2 years with Miura North America directing energy & environmental initiatives with a focus on energy efficiency advocacy, education & market transformation in the area of thermal energy systems.

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Presentation #3:

Author/Presenter:

Stephen O'Sullivan, Product Manager Processing Technology
KRONES Inc., 9600 South 58th Street, Franklin, WI 53132
Stephen.OSullivan@kronesusa.com;www.kronesusa.com

Title:

The Resource Optimized Brewery

Abstract:

A presentation on modern sustainable brewing technologies designed for realizing energy savings and optimizing resources in a modern brewery.

- Innovative heat recovery technology in the brewhouse
- Energy efficient wort boiling and wort stripping technology
- Intelligent cellar pipe-fence technology
- High gravity Brewing process
- The use of alternative energy sources

C.V. - Brief:

In 1992 Stephen graduated with a Bachelor of Engineering from University College Dublin, Ireland. and worked for Henkel until joining Ecolab and moved to USA in 1994.

In 2004 Stephen joined Krones Inc. and has worked at Krones both in Germany and in the US for the past 7 years. Stephen is processing technology product manager at Krones Inc, in Franklin WI,

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Presentation #4:

Author/Presenter:

Dana Johnson, Director of New Business Development
BIRKO Corp., 9152 Yosemite Street, Henderson, CO 80640
Ph: 303-289-1090; djohnson@birkocorp.com; www.birkocorp.com

Title:

Acid and Detergent ONLY Cleaning in the Brewery

Abstract:

Acid and detergent only cleaning is becoming more popular in the craft brewing industry as brewers discover how effective it can be in terms of cleanliness; labor, energy and chemical savings, as well as reduced carbon dioxide (CO2) usage, especially when used cleaning bright beer tanks and kegs. Acid and detergent only cleaning-in-place (CIP) can maintain the equipment in a sanitary condition, while maintaining the low dissolved oxygen (DO) levels in the finished beer at the same time. The author will focus on successful brewery case histories and explain the "Do's and Don'ts" of acid and detergent cleaning in the brewery to share this new and exciting cleaning technology.

C.V. - Brief:

After attending Mesa College (now Mesa State) in Grand Junction, CO, Dana joined BIRKO in January of 1979. During his 32 plus years working at BIRKO, Dana has been in charge of Q.A. on finished products, Manager of the Con-Tact-It® Bacteria Detection System, a Formulation Chemist, and Brewery Technical Representative. A passionate home brewer since 1989, Dana began calling on the "micro-brewing" industry in 1995, selling cleaning, sanitizing, and process aids for BIRKO and has authored many trade journal articles on the subject. Dana is the Director of the Annual Keg Ran Out Club (KROC), World Brewers Forum (WBF) Director, and the MBAA RMD Membership Chair.

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Presentation #5:

Author/Presenter:

Ken Jones, Brewery Manager & Partner
Glenwood Canyon Brewing Co., 402 Seventh Street, Glenwood Springs, CO 81601
970-945-1276; ken@thehoteldenver.com; www.glenwoodcanyon.com

Title:

Brewpub Operations on the Western Slope

Abstract:

Information about how we track seasonal variations in our local water supply, since it changes on a seasonal basis because our municipal water comes from a surface source. We typically measure pH, hardness and alkalinity for each batch.

A brief description of our brewing equipment installation and the beers we brew after which I will show a brief video presentation of our brewing process, equipment and ingredients used at Glenwood Canyon Brewing Co.

C.V. - Brief:

Brewery Manager & Partner Ken Jones graduated in 1988 from Northern Arizona University with a B.S. in Industrial Supervision. He completed several short courses at U.C. Davis and Siebel, and then worked at Carver Brewing Co. in Durango, CO one year in 1995.
Ken has been with Glenwood Canyon Brewing Comp., since it opened in 1996.

NOTES:

MBAA-Rocky Mountain District
Officers 2011

District President **Gary L. Dick** 3102 Lower Loop Dr Fort Collins, CO 80524-1267 PHONE: (970) 217-2856 FAX: (970) 221-0535 E-MAIL: gdick@newbelgium.com		**District Membership Chair** **Dana J. Johnson** Birko Corp 9152 Yosemite St Henderson, CO 80640-8027 PHONE: (303) 289-1090 FAX: (303) 289-1190 E-MAIL: djohnson@birkocorp.com
District Board of Governors Representative and Vice President **Jonathan (Jon) E. Kemp** Anheuser-Busch Companies Inc 3819 Granite Ct Fort Collins, CO 80526-3154 PHONE: (970) 490-4500 FAX: (970) 490-4555 E-MAIL: jonathan.kemp@anheuser-busch.com		**Publicity Chair** **Tamar L. Banner** New Belgium Brewing Co 500 Linden St Fort Collins, CO 80524-2457 PHONE: (970) 221-0524 FAX: (970) 221-0535 E-MAIL: Tbanner@newbelgium.com
District Past President **Jeff C. Biegert** New Belgium Brewing Co 500 Linden Street Fort Collins, CO 80524 PHONE: (970) 221-0524 FAX: (970) 221-0535 E-MAIL: jbiegert@newbelgium.com		**District Technical Chair** **Finn B. Knudsen** Knudsen Beverage Consulting Co. PO Box 1089 Evergreen, CO 80437-1089 PHONE: (303) 674-2251 FAX: (303) 674-8323 E-MAIL: finn@knudsenbeverageconsulting.com
District Secretary **Matt Thrall** Avery Brewing Company 5763 Arapahoe Ave. Unit E Boulder, CO 80303 PHONE: (303) 440-4324 FAX: (303) 786-8790 E-MAIL: matt@averybrewing.com		**District Entertainment Chair** **Stephen (Steve) J. Woodward** Fort Collins Feed 1020 NE Frontage Rd Fort Collins, CO 80524-9218 PHONE: (970) 482-8001 FAX: (970) 482-8609 E-MAIL: steve.woodward@fortcollinsfeed.com
District Treasurer **Julie A. Glass** 2520 Bar Harbor Dr Fort Collins, CO 80524-2609 PHONE: (970) 308-4597 FAX: (970) 490-4555 E-MAIL: julieg100@msn.com		**District Packaging Chair** **Susan (Sue) Pawlak** Fort Collins, Colorado PHONE: (970) 481-7096 E-MAIL: susan.pawlak@q.com
District Scholarship Chair **Steve Presley** 1164 Pinewood Dr Napa, CA 94558-4357 PHONE: (707) 255-5872 E-MAIL: sppresley@comcast.net		

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