



Master Brewers Association of the Americas
Rocky Mountain District
September 21-23, 2012 - Out-of-Towner Meeting
Estes Park, Colorado

Company Sponsors:

Colorado Malting Company



DEWCO Pumps & Equipment

Rochester Midland Corporation



Program and Technical Presentations



**MBAA-Rocky Mountain District
September 21-23, 2012 - Out-of-Towner Meeting
Estes Park, Colorado**

What: MBAA RMD Out-of-Towner Meeting

When: Friday, September 21 – Sunday, September 23, 2012

Where: Estes Park Brewery
470 Prospect Village Dr., Estes Park, CO 80517
Ph: 970.586.5421; www.epbrewery.com

Cost:

<i>Fee structure</i>	Member	Member Couple/family	Non-member
Registration fee by September 10	\$15	\$30	\$30
Late registration September 11	\$35	\$50	\$50
At the door meeting fee	\$50	\$75	\$75

Cover cost of the Social gathering at Estes Park Brewery (Fri.)
and
The BBQ/picnic at The Park (Sat.) and evening meal.

Lodging option:

MBAA-RMDs Steve Woodward has made a limited number of discounted room reservations The Discovery Lodge, Estes Park, located rather close to the Estes Park Brewery. Please take a look at <http://www.estesdiscoverylodge.com/>

The picnic/BBQ put on by your entertainment chair, Steve Woodward, is fantastic. It is also your chance to prove who will be this year's horseshoe champions.

We strongly encourage you to make your hotel reservations as soon as possible and refer to MBAA and Steve Woodward's reservation.



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Schedule of events:

Friday evening

- ~ 16:00 PM - E-Board Meeting
- ~ 18:00 PM - ?? - Social gathering at Estes Park Brewery

Saturday morning

- 07:30 AM - Technical presentations at Estes Park Brewery

Saturday afternoon

- ~12:00 PM - Carpool to Lake 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*



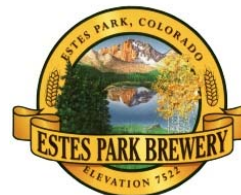
- *AC Golden Brewing Co., Golden*



- *Avery Brewing Company, Boulder*



- *Estes Park Brewing Co, Estes Park*



- *MillerCoors*



- *New Belgium Brewing Co., Fort Collins*





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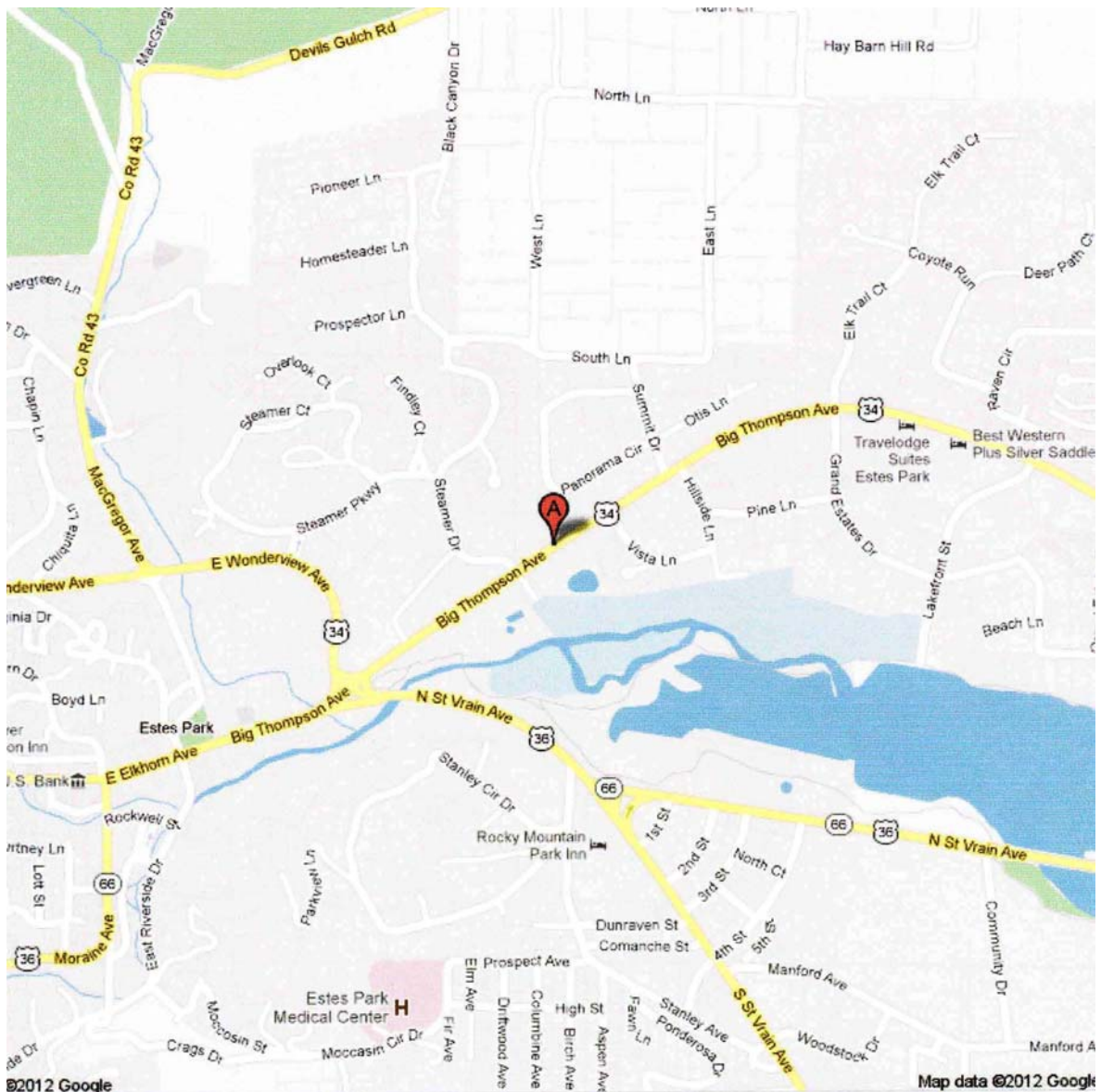


DISCOVERY LODGE
ESTES PARK, CO

THE FIRST MOTEL IN ESTES PARK POWERED BY 100% RENEWABLE ENERGY.



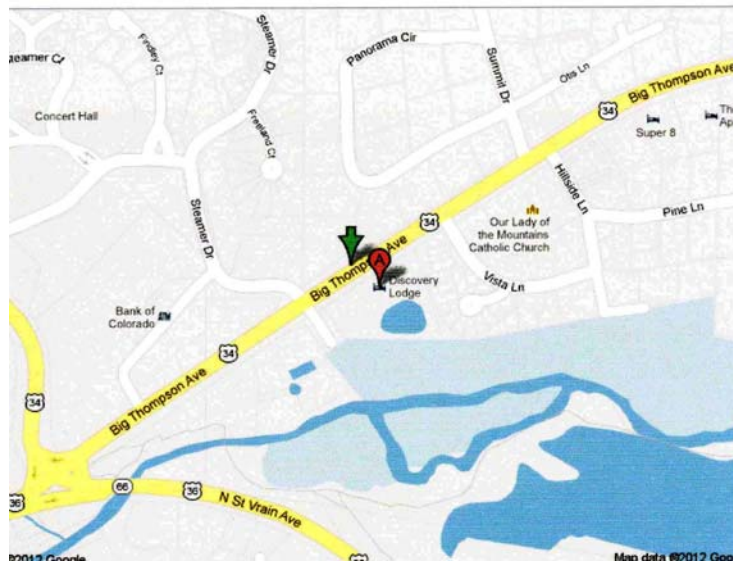
Discovery Lodge in Estes Park, Colorado
800 Big Thompson Ave, Estes Park, CO 80517, Ph: 970-586-3336,
Email Address: Vacation@EstesDiscoveryLodge.com
website: <http://www.estesdiscoverylodge.com>



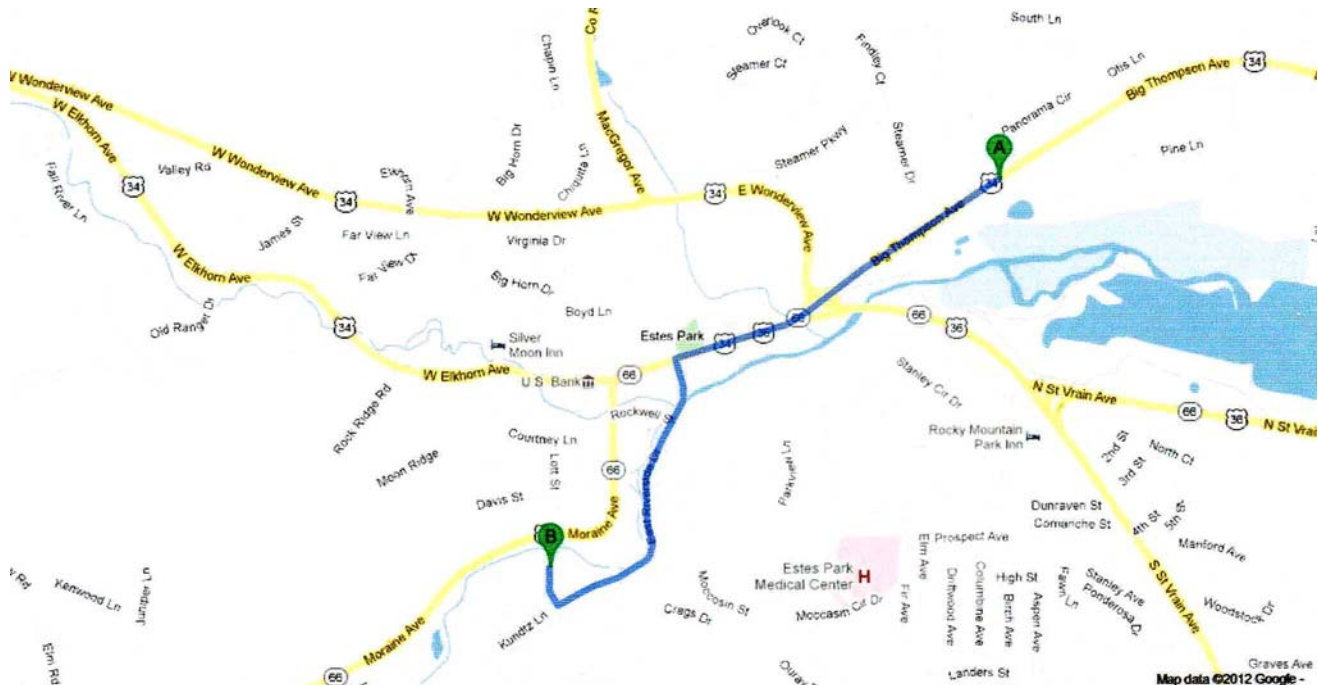


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A. Discovery Lodge
800 Big Thompson Avenue, Estes Park, CO
(970) 586-3336
15 reviews



From Discovery Lodge to Estes Park Brewery is 5 minutes by car





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Saturday September 22, 2012, 7:30AM-11:00
at**

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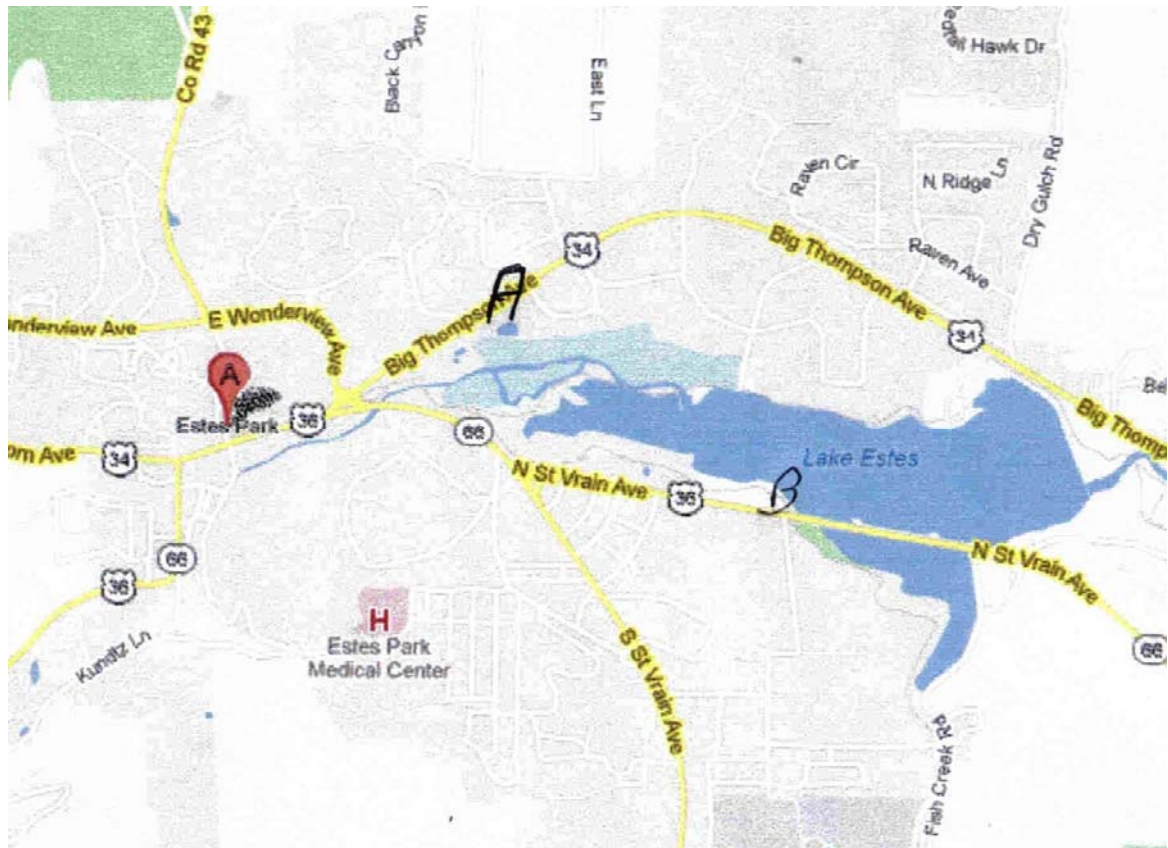
Park

Map of Estes park, A is the Discovery Lodge and B is the BBQ.

We do not have a reservation at the picnic area, but Marty and Steve Woodward will get there early and save the spot.

The BBQ is about one half mile from the Discovery Lodge shown as A, and a mile and a half from the Brewery. B is where the BBQ is and the sign says Rotary on the covered area, and is on the south side of the lake and the east side of the park area.

It located on the North side of N St Vrain Ave. (Hwy 36). It is on the opposite side of the highway from the dog park skate park and Stanley park.





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Technical Program:

(Approx. time schedule)

07:30 - 08:00 - Coffee/tea/etc.

08:00 - 08:30 - Presentation #1 - *Easier Than It Seems. Canning quality product through innovation, design, and zip-ties.* Jesse Brookstein

08:30 - 09:00 - Presentation #2 - *Saving Water in the CIP Process in the Brewing Industry: A Comparison of Technologies,* Mark E. Murphy

09:00 - 09:30 - Refreshment Break/Announcements re BBQ

09:30 - 10:00 - Presentation #3 - *150 Years of Brewing in Colorado,* Dave Thomas

10:00 - 10:30 - Presentation #4 - *Operating a Brewery in a Tourist Town,* Eric Bratrud

10:30 - 10:50 - General Discussions

11:00 - 11:45 - Brewery tour

Drive to the Picnic Park at the shore of Lake Estes around 12:00 - ??? for BBQ, Fellowship, Beer Tastings, The exciting Horseshoe Competition, Lots of Fun, etc.



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Presentation #1

Author/Presenter:

**Jesse Brookstein, Packaging Manager
Avery Brewing Company, 5763 Arapahoe Ave. Unit E, Boulder, CO 80303
jesse@averybrewing.com; Ph: 303-440-4324; www.averybrewing.com**

Title:

***Easier Than It Seems.
Canning quality product through innovation, design, and zip-ties.***

Abstract:

As the craft beer industry grows, so grows the demand for canned micro and regional beers. After 17 years of packaging in bottles and kegs, Avery Brewing Company entered the world of canning in 2010. Unsure of the market and how much demand we would truly see, we purchased a small-scale Cask line - operating at 24 cans per minute. Growth exceeded all imaginable projections, and a year later we purchased a second Cask line to meet demand. Canning has proved to be an incredible adventure, and we still face several daily obstacles, but through these challenges we've learned a great deal of information, from the importance of measuring your seam thickness, to the fine art of stretching your rubber bands just enough that they'll supply the perfect force on your can ends. As we begin planning our new brewery we expect to purchase a full size canning line, but we'll always retain the knowledge gained from working on a basic, yet extremely reliable, piece of equipment.

C.V. - Brief:

Jesse Brookstein is the Packaging Manager at Avery Brewing Company in Boulder, CO. Jesse has been working at Avery for five years, and serving as the Packaging Manager for two years. Prior to Avery, Jesse worked as a delivery driver at Twisted Pine Brewing Company in Boulder, Colorado, as a marketing assistant at Brewery Ommegang in Cooperstown, NY, and as a freewheeling merchandiser/delivery driver at McCraith Beverage Distribution in New York Mills, NY. Jesse has been a member of the MBAA for two years, and in the Spring of 2012 he attended the MBAA Packaging Course in Madison, Wisconsin.



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Presentation #2:

Author/Presenter:

**Mark E. Murphy, Global Industrial Sales Manager
Butterworth, Inc., 16737 W. Hardy Road, Houston, Texas 77060
Ph: 281-214-0034; E-mail: markm@butterworth.com; www.butterworth.com**

Title:

***Saving Water in the CIP Process in the Brewing Industry:
A Comparison of Technologies***

Abstract:

This presentation compares the available in tank CIP equipment types and compares water consumption and effectiveness. Static spray balls, two dimensional balls and three dimensional machines are discussed. How they work, why they work and in which cases do they work best. What is impingement, and why it is important, will be covered. Factors that affect a good CIP will also be discussed.

The presentation includes a real world comparison of significant water savings that were achieved in a Major Brewery, just by one simple change in nozzle design, creating a reduction in water consumption and proven savings.

C.V. - Brief:

Mark has a B.S. in Petroleum Engineering from the University of Missouri – Rolla (1985). After a brief stint for Halliburton, he spent 25 years in the pump business in varying positions from Sales Engineer to Vice President in both the Service and Sales side. In those 25 years he has traveled globally and lived in Kansas, Wyoming, Utah, California, Louisiana, Pennsylvania and current resides in Texas.

Mark joined Butterworth as National Sales Manager in April of 2008. In 2010 he became Global Industrial Sales Manager. In 2011, Mark presented a paper on Water Savings through the CIP systems at the MBAA National Convention.

He has been a home brewer since 2002 and enjoys working with the brewing industry.



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Presentation #3:

Author/Presenter:

**Dave Thomas – Brewer Emeritus,
Dostal Alley Brewpub, 116 Main Street, Central City, CO 80427
Ph: (303) 582-5563; www.dostalalley.net
Mb: 303-589-9652; E-mail: beersleuth@earthlink.net**

Title:

150 Years of Brewing in Colorado

Abstract:

Discovery of gold in Colorado in 1858 meant thousands of European miners flooded into Colorado almost overnight, bringing with them a prodigious thirst for stouts, porters, stock ales, cream ales, bocks and Vienna lagers from their home countries.

Their westward rush for gold was accompanied in lock-step by maltsters and brewers eager to satisfy that thirst. This presentation covers some of the history of these 19th century Colorado brewers and breweries. Some informative, humorous and even surprising tales from the earliest of Colorado's brewers will be shared.

C.V. - Brief:

Dave retired from Coors after 32 years in QC, R&D and production malting and brewing, and last five years at Coors he was the "Traveling Brewmaster" covering Memphis, Tennessee; Burton-on-Trent, England; and Shenandoah Valley, Virginia.

He has a BSc in Molecular Biology from the University of Colorado and an MSC Brewing from Heriot-Watt University in Edinburgh, Scotland.

Dave now relaxes in retirement as Ecolab's Executive Brewing Consultant; US Newshound for Brewer & Distiller International; Senior Malting Adviser for Colorado Malting Company; trustee of the Gilpin County Historical Society; and Brewer Emeritus at Dostal Alley Brewpub in Central City.

He tries to fly-fish at least 50 days a year and hang with grandson, Jameson, as much as possible. Dave has been a member of MBAA, ASBC and IBD (Scottish Section) for almost forty years and recently completed his first brewing history book titled "Of Mines & Beer!"



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Presentation #4:

Author/Presenter:

Eric Bratrud Brewery Manager, Co-Owner
Estes Park brewery 470 Prospect Village Dr. Estes Park, Co 80517
970-586-5421, epbrewery@epbrewery.com www.epbrewery.com

Title:

Operating a Brewery in a Tourist Town

Abstract:

Estes Park is a very seasonal town with only one busy season. I will explore the unique challenges and rewards that the Estes Park brewery has faced since we started in 1994.

A brief history of our beers and how they have evolved through the years will be presented.

C.V. - Brief:

In 1994 Eric Bratrud started working at High Country Brewery in Boulder, Co.

That year High Country moved to Estes and was renamed Estes Park Brewery.

Later in 1994 Eric was made the head brewer and in 2003 he became a co-owner.



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NOTES:



MBAA-Rocky Mountain District
MBAA-Rocky Mountain District Executive Board 2012

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 S. 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 and District Scholarship Chair 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) 670-3562 FAX: (303) 670-3589 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 8714 State Hwy 60 Johnstown, CO 80534 PHONE: 970-566-4265 FAX: (970)-460-7114 E-MAIL: steve.woodward@fortcollinsfeed.com
District Treasurer James R. Canary 1638 Haywood Pl Fort Collins, CO 80526-2289 PHONE: (970) 229-9082 E-MAIL: james_canary@comcast.net	District Packaging Chair "To be determined"



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