

TARA VANDER DUSSEN

CAFOweb™ Executive Director, Environmental Scientist and Quality Assurance Officer

EXPERIENCE SUMMARY

5 Years of Experience Encompassing the Following Areas:

- Executive Director of CAFOweb™
- Environmental consultant to dairies throughout New Mexico
- Examining water use for all dairy facilities in New Mexico
- Marketing, sales and promotion of product
- Quarterly monitoring, sampling and promotion of product
- Software development
- Weekly dairy facility inspections
- Quarterly monitoring, sampling and reports for dairies
- Project management of environmental concerns on dairies
- Creation of Quality Management Plan for Glorieta Geoscience, Inc.
- Maintaining a blog, creating content and building a following

SELECTED PROJECT EXPERIENCE

Environmental Scientist, CAFOweb™ Executive Director and Quality Assurance Officer (2012 – present):

- Working with dairy personnel on water conservation, water use practices and crop data information
- Monitoring of meters for water rights, irrigation and effluent for dairies
- Sampling of monitoring and production wells and soils
- Assisting dairies with applications and fulfillments of EQIP funding
- Weekly inspections on dairies in Roosevelt and Curry County
- Managing all administrative duties for CAFOweb™
- Overseeing software developers during modifications to CAFOweb™
- Operating the CAFOweb™ toll free technical support line
- Hosting and creating all demonstrations, trainings and webinars
- Coordinating sales, promotion and marketing of CAFOweb™
- Creating and implanting Quality Management Plans

Intern for the Executive Director, Dairy Producers of New Mexico, Roswell, NM (2009):

- Researched, attended and presented at Legislative interim committee meetings
- Created newsletters to keep dairy producers informed of new legislation

Assistant Secretary and Water Sampler, Bonestroo Dairies, Portales, NM (2007 -2011):

- Assisting secretary with daily operations of dairy farming office
- Entered herd data into Dairy Comp software
- Collected water samples from monitoring wells and the lagoon

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Glorieta Geoscience, Inc. P.O. Box 5727 Santa Fe, NM 87502 (505) 983-5446
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EDUCATIONAL EXPERIENCE

Agricultural Research Assistant for Dr. Robert Hagevoort NMSU ASC at Clovis Dairy Extension, Clovis, NM (2011 – 2012):

- Researching water use over 5 year period via data from the Office of State Engineers and NMED for dairies throughout NM
- Researching and working with NM grazing laws and NMPs as pertaining to grazing as a form of nutrient removal
- Updating our social media sites such as our website, Facebook, YouTube and Twitter accounts
- Assisting in Bovine Respiratory Disease project and production and distribution of Dairy Safety Training DVD
- Received the Arizona Excellence Award Scholarship
- College of Agriculture and Life Sciences Academic

EDUCATION

B.S. University of Arizona, 2011, Soil, Water and Environmental Science, Magna Cum Laude

PROFESSIONAL DEVELOPMENT/ TRAINING

- NMPF FARM Train the Trainer Workshop
- NRCS Comprehensive Nutrient Management Planning Workshop
- Virtual Renewable Energy Education Field Day
- Dairy Max Media and Crisis Training

BOARDS, ORGANIZATIONS & ADDITIONAL EXPERIENCE

New Mexico Milkmaid Blog (January 2016-present):

- Created and maintain a blog using Word Press
- Building a following on social media outlets
- Creating content for the blog including articles, videos, photographs and educational information about dairy farming
- Collaborate with government agencies, industry organizations and news outlets to host educational information sessions on relevant topics related to dairy

United Dairy Women (2009- Present):

- President since July 2012
- Responsible for organizing dairy-based community outreach programs

Dairy Farmers of America (2011-2014):

- Voting Delegate and Resolutions Delegate Alternate

SELECTED PUBLICATIONS

Vander Dussen, T., Ganta, R., Lazarus, J. (2013). Predicting Nutrient Application at CAFO Land Application Fields using CAFOWeb™. (Abstr.) Waste to Worth: Spreading Science and Solutions. Denver, CO. April 1-5, 2013. <http://www.extension.org/pages/67714/predicting-nutrient-application-at-cafo-land-application-fields-using-cafoweb>

Vander Dussen, T., G.R. Hagevoort, J. Lazarus, E. Naumburg, R. Ganta, K. D. Casey. (2012). Water usage on New Mexico dairies: based on the volume of pumped water and the volume of discharged water. (Abstr.) Journal of Dairy Science 95: 698

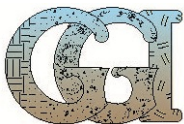
TEACHING EXPERIENCE

Nutrient Management at Dairies and CAFOs Using CAFOWeb™ as a Nutrient Forecasting and Record Keeping Tool, 2016, U.S. Dairy Education and Training Consortium, Clovis, New Mexico.

Dairy Farming Today, 2016, Texas Tech University, Agriculture Communication- Advocating for Agriculture, Lubbock, Texas.



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