

Jason Bouwman

Mr. Bouwman is a project manager at Horizon Engineering. He joined Horizon in 2005. Mr. Bouwman received his Bachelors and Masters degrees in Chemistry from the Robert D. Clark Honors College at the University of Oregon. He is also a QSTI (Qualified Source Test Individual) from the SES (Source Evaluation Society) and is on the SES Outreach committee. Outside of work Jason is a recreational runner, bicyclist, hiker, and traveler.

Geoffrey Glass

Mr. Glass began his environmental career doing air quality modeling for ICF Consulting in San Francisco. In December of 2005 he made the traitorous move to the other side, becoming a permit writer for the Olympic Region Clean Air Agency (ORCAA), which has the coolest acronym of any air agency in the country. A graduate of Oakes College of U.C. Santa Cruz and the Chemical Engineering Masters Program at the University of Washington, Mr. Glass is entitled to wear a purple cap and gown, though he never has. Having taught chemistry classes for Spokane Community College and Gonzaga University, consider yourself warned that while giving his presentation, Mr. Glass may call on you to answer a question or, possibly, work something out on the board. He also makes beer, wine, and cider with a fellow ORCAA engineer and recently moved to Tacoma so his wife, whom he loves very much, can attend graduate school.

Melissa McAfee

Ms. McAfee holds an MS in Environmental Engineer from the University of Washington. She has been employed as an inspector at the Puget Sound Clean Air Agency for 16 years. Her duties include inspections of: cement, aerospace, steel, glass, truck manufacturing, wastewater treatment plants, chrome plating, vapor degreasers, source test observation, response to the public for odors, asbestos, and air pollution concerns. Prior to her employment at the Agency, Ms. McAfee was employed as a consultant for 8 year. Her duties included: Task Leader for source testing, incinerator trial burns, odor studies, flux chamber area source sampling for all test methods including acid gases, ammonia, metals, organics, dioxins, and particle sizing. She conducted analytical methods using wet chemistry, spectrophotometry, gas and liquid chromatography and atomic absorption, and performed data analysis, database management and report writing. Ms. McAfee is a 20 year AWMA member; Chair/Co-chair of numerous PNWIS specialty conferences, PNWIS past President and current PNWIS Awards co-chair.

Kevin Orton

Mr. Orton is currently a principal of CEMS SERV. Providing technical services and full systems support for its client's compliance reporting needs. Specializing in Data Acquisition and retrofitting of existing CEMS to meet current industry standards. 1997-2010. Since 1987 Mr. Orton has performed virtually every type of wet-test and instrument test per EPA 40 CFR Parts 53-60 & CARB protocols. Mr. Orton began his environmental career after working for Bechtel in Drilling Operations working in instrument logging for 5 years. Upon joining Sierra Environmental (an off-shoot of a group of engineers from the old KVB) as an instrument technician, Mr. Orton spent initial years utilizing EPA testing protocols to obtain design parameters for the new Exxon patented Thermal De-NOx technology and its application to a variety of industrial sources of emission through-out California. After a stint at Pape & Steiner, one of the first CARB certified source test companies in CA. Relocated to Washington state in 1992 to work for Am Test Air Quality as a Senior Tester and has lived and worked based out of Fall City since that time. Since beginning his Environmental career Mr. Orton has performed thousands of compliance source tests and worked on CEMS equipment from the Arctic to the South Seas, from Canada to Mexico and 40 states in-between.

Craig Thiry

Mr. Thiry has been involved with air pollution testing since 1983 and has performed and managed thousands of stationary source tests at various locations across the United States. As Sales and Marketing Representative for The Avogadro Group, LLC (Avogadro), he is primarily involved with marketing and

business development. Craig meets with new and existing customers and collects information to assist them with the transfer of information needed for successful sampling projects. He also performs presentations and analysis of upcoming regulations, as well as works with various industry associations to assist stakeholders with impacts of new source testing requirements. Prior to Avogadro, Craig was Operations Manager of Best Environmental, Inc. for a dozen years and also worked at Clean Air Engineering's world headquarters in Chicago.

Angela F. Hansen, QSTI

Ms. Hansen is a Principal Scientist for AmTest Air Quality, an affiliate of Horizon Engineering. She has worked with AmTest Air Quality for the past 26 years and has had 28 years of professional experience in the field of air quality. Ms. Hansen received a BS in Marine Resources from Huxley Environmental College of Western Washington University and has minors in both chemistry and biology. She is a Qualified Source Test Individual (QSTI) in Groups 2 and 3. Ms. Hansen has extensive experience in standard source sampling techniques, particle sizing, continuous emission monitoring systems (CEMS), and air toxics sampling. She has assisted in the instruction of three EPA Air Pollution Training Institute (APTI) courses titled "Source Sampling for Particulate Pollutants," "Hazardous Waste Incineration," and "Continuous Emission Monitoring." She has also been an invited speaker for the Instrument Society of America (ISA) and the State of Idaho Permit Writers Workshop. Ms. Hansen has been active in the leadership and activities of the Air and Waste Management Association (A&WMA) since 1988 and is a Fellow Member. She is also an active member of the Source Evaluation Society (SES) and is the current Secretary for SES. She also serves as the Treasurer for the Stack Testing Accreditation Council (STAC), which is an organization that accredits stack testing companies to the ASTM standard D7036 "Standard Practice for Competence of Air Testing Bodies." Outside of work, Angela is an avid Alpine and Nordic skier, cyclist, paddler, and traveler.

Kevin M. Donahoe

Mr. Donahoe is a graduate of the University of California, Davis with a B.S. in Geology and has been with Avogadro since 2002. As the Portland District Manager, he supervises and works with a staff of three employees to support project tasks by ensuring that the office is in possession of resources in quantity and variety sufficient to conduct the broad range of source testing projects undertaken by Avogadro. He also works to sustain and advance Avogadro's regional reputations with clients, regulatory agencies, and industry associations.

Mr. Donahoe's source testing experience includes sampling and managing responsibilities for test programs involving criteria and toxic pollutant measurement, SCR balancing, fuel and/or process optimization, emission factor verification, and continuous emissions monitoring. In addition, Kevin provides both testing and consulting services for facilities subject to federal and regional regulations concerning approved alternative, parametric, and predictive monitoring systems (AMS, PMS, and PEMS).

In his free time Mr. Donahoe makes the most of living in the Northwest by spending winter snowboarding in the Cascades, cycling during the summer, trail and road running at all times, and finding time in between to travel throughout the state, country, and beyond.