

# 2023 Colorado Groundwater Conference – October 10 & 11, 2023

## Presenter Bios (alphabetical order)

### **Melissa Armstrong, PE, Consultant, Integral Consulting, Denver, CO**



Melissa specializes in groundwater remediation, fate and transport of contaminants, and management of environmental remediation sites. She has worked on a wide range of challenging environmental remediation sites and litigation cases. She has more than 15 years of environmental experience, including conceptual site model development, remedial design and planning, and management of a variety of large site investigations for various contaminants of concern including per- and polyfluoroalkyl substances (PFAS). Her project management experience includes organizing and writing reports, project planning, cost estimating, preparing proposals, invoicing, and managing staff. In addition, she has extensive experience as a supporting technical expert in litigation cases, including construction defect cases and environmental contaminant fate and transport cases. Melissa earned her M.S. in Environmental Engineering from the University of Colorado, Boulder and B.A. in Geology from Hamilton College. She is a licensed Professional Engineer in Colorado.

### **Sarah Brucker, Assistant State Engineer, Colorado Division of Water Resources, Denver, CO**



As the Assistant State Engineer, Sarah oversees the Intrastate Water Supply Development and Litigation Section and the Hydrogeology Section. In this position, she directs and supervises the review and engineering evaluation of substitute water supply plans, water court applications, well permit applications, subdivision water supply plans, and other water supply-related activities; as well as critical hydrogeological investigation activities in the Hydrogeology Section. She also provides general support to the State Engineer in water administration matters around the state and provides a point of contact for the Colorado General Assembly on legislative matters related to water administration. Sarah has worked for the Division of Water Resources since 2004, as a member of the Water Supply team. She graduated from the University of Colorado at Boulder with a B.S. in Environmental Engineering.

### **Bryce Carter, Program Manager – Emerging Markets, Geothermal, Colorado Energy Office, Denver, CO**



Bryce joined the Colorado Energy Office as the Emerging Markets Program Manager for Geothermal. He is an experienced program director and community advocate for environmental initiatives and rooftop solar group purchasing programs. He has implemented successful campaigns defending net metering policies, fostered a grassroots movement for 100% renewable energy commitments in Colorado, and facilitated over 2 MW of rooftop solar installations across the state while pursuing opportunities for growing energy equity. He possesses extensive skills in initiative creation and implementation, building coalitions, community engagement strategies, staff and team management, policy development, lobbying, event planning, fundraising, and public communications. Bryce earned his B.A. in Humanities, Science and Environment; Environmental Policy and Planning from Virginia Tech.

### **Sara Chudnoff, PG, Program Director/Hydrogeologist, American Ground Water Trust, Pinetop, AZ**



Sara is the Program Director for the American Ground Water Trust. She has been working in the water resources and environmental field in New Mexico since the early 2000s. As a consulting scientist, she worked on projects from methane monitoring and reporting to hydrogeologic investigations and well design. In 2009, Sara left her regulatory role with the State and started working with Bernalillo County. In this position, she worked with hundreds of residents monitoring water levels and promoting outreach and education. At the New Mexico Bureau of Geology, she took this model to work on a State-Wide Groundwater Level Monitoring Network. Sara facilitates educational outreach for watershed health with the local school district and provides water resource consulting in New Mexico. She has a B.S. in Geology from New Mexico Tech and a M.S. in Water Resources from the University of New Mexico.

### **Dave Colvin, Groundwater Team Leader, LRE, Denver, CO**



Dave Colvin is the Groundwater Team Leader responsible for providing technical leadership and coordination of diverse subject matter experts. He is a collaborative hydrogeologist with over 23 years of experience in groundwater services, water resources, environmental science, and project management. Dave is currently focused on riverbank filtration, soil aquifer treatment, groundwater recharge (ASR and alluvial recharge), brackish groundwater, groundwater modeling, model uncertainty analysis, expert witness testimony and integrated water resource management. He holds a B.S. in Geology from Syracuse University and an M.S. in Environmental Science and Engineering from the Colorado School of Mines. Dave is a licensed Professional Geologist in Texas, Idaho, Wyoming, and Nebraska. He is a certified Project Management Professional and completed the Colorado Foundation for Water Education Water Leader training course. Dave is active with AWRA Colorado and the American Council of Engineering Companies.

### **Timothy Crawford, PG, Senior Project Manager-Hydrogeologist, BBA Water Consultants, Englewood, CO**



Timothy Crawford, Project Manager/Senior Hydrogeologist, received a Bachelor of Arts degree in Geology from The Colorado College in May 2000. Mr. Crawford's duties include project management and support on ground water and water rights projects, including well design and installation, pumping test management and data analysis, ground water quantifications, report preparation, record acquisition, and review. He is a member of the Colorado Ground Water Association (Vice President 2005-2006, President 2006-2007, Past President 2007-2008, Secretary 2009-2010), the National Ground Water Association and American Water Resources Associations. Mr. Crawford is a registered Professional Geologist in the State of Wyoming.

### **R. Jeffrey Davis, PE, CGWP, Principal, Integral Consulting Inc., Salt Lake City, UT**

R. Jeffrey Davis - a Civil & Environmental Engineer by degree and a Hydrogeologist by practice. With almost 3 decades of experience across the United States and abroad I am passionate about solving groundwater problems. My team solves clients' problems as if they were our own. I live for innovation and growth in my personal and professional life. I'm a leader and a lifelong learner. My holy place is on the top of a mountain.

### **Kevin Donegan, CPG, Chief, Hydrogeology Section, CO Division of Water Resources, Denver, CO**



Kevin manages the work of the Hydrogeology Section which serves DWR staff with geological and hydrogeological evaluations and support. Primary support is for water well permitting assistance including determination of aquifers, aquifer boundaries, saturated thickness, alluvial/aquifer interaction, and completion intervals. The group implements the Well Inspection Program and the Statewide Groundwater Monitoring Network. They also provide support for the oversight functions of the Board of Examiners of Water Well Construction and Pump Installation Contractors and the Ground Water Commission. In addition, the section supports DWR in water court proceedings, recharge pond reviews, and anytime hydrogeological expertise is needed. Kevin graduated from Hamilton College with a B.A. in Geology.

**Allan Foster, Staff Hydrogeologist, LRE Water, Denver, CO**



Allan has worked as a hydrogeologist on the groundwater team at LRE Water for over 4 years. He earned his Master of Science in Hydrology and Bachelor of Science in Geological Engineering from the Colorado School of Mines.

**Jeff Gamlin, PG, CHG, Principal Hydrogeologist, GSI Environmental Inc., Parker, CO**



Jeff has more than 20 years of experience evaluating, designing, and optimizing hazardous waste investigation and remediation approaches at military, municipal, industrial, and commercial facilities in North America and internationally. His work has focused on traditional and emerging contaminants, including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. Jeff has provided consulting expertise on projects including bioremediation, remedial process optimization, molecular and biological diagnostic tools, green and sustainable remediation design, groundwater age dating and tracer studies, aquifer test design and analysis, wellfield design and well hydraulics, and managed aquifer recharge. His expertise includes enhanced in-situ bioremediation, biogeochemical degradation, solar-powered recirculation and hybrid remedial approaches, enhanced attenuation, monitored natural attenuation, long-term monitoring optimization strategies, in-situ chemical oxidation, bioventing, soil vapor extraction, free-product recovery, horizontal and vertical well design, light non-aqueous phase liquid risk-based remedial strategies, and expedited regulatory review strategies. He earned his Master's Degree in Hydrogeology from the University of Nevada-Reno and B.S. Degree in Geology from the University of California-Santa Barbara. He is a Certified Hydrogeologist in the State of California and Professional Geologist with the California Department of Consumer Affairs.

**Shawn Harkness, Account Manager, CV Strategies, Inc., Phoenix, AZ – Invited**



Shawn is a communications consultant for the Inland Empire's largest strategic communications firm, with offices across the state of California. He works with multiple clients covering public water agencies, city governments, special districts and large-scale solar operators. Shawn perform account management services including: news releases, speech writing, event promotion, media relations, strategic planning and crisis management. As a television journalist and newsroom leader, Shawn knows how to tailor a message so it resonates with audiences. His career took him to newsrooms around the country, with hands-on and management roles in big cities such as Chicago, and rural areas including Montana and West Virginia. Shawn most recently served as News Director at the NBC and Univision stations in Palm Springs. He is well versed in translating detailed, industry-specific information into easy to understand and engaging messages that the wider public can understand. Shawn received his BA in Communication from Mansfield University of Pennsylvania.

**Jerry Hatley, Central US Technical Support/Sales Manager, Cotey Chemical Corp., Lubbock, TX**



Jerry is the Central Sales Manager for Cotey Chemical Corporation and a frequent speaker at industry events, with a focus on continuing education for licensed well drillers and pump installers. For the past 25 years, Jerry has been involved with day-to-day sales and technical support for Cotey Chemical. He developed and patented the Cotey Well Cleaning Brush. He also has 30 years in the oil and gas industry. He was involved with drilling and consulting in both domestic and international operations. Jerry has been approved to speak, and has spoken with the Ground Water and /or Rural Water industry in the following states: Kansas, Montana, Nevada, North Dakota, Oklahoma, New Mexico, South Dakota, Wyoming, Colorado, Nebraska, Minnesota, Iowa, and Texas. He also presented at the Mountain States Groundwater Expo (Arizona, New Mexico, Colorado, Nevada, and Utah) Jerry also received The Texas Ground Water Association (TGWA) Mark Campbell Excellence In Training Award in 2019. This is awarded to individuals for service to the TGWA and for presenting continuing education courses to the Water Well Drillers and Pump Installers of TGWA.

**Courtney Hemenway, PE, President, Hemenway Groundwater Engineering, Inc., Parker, CO**



Courtney Hemenway is the President of Hemenway Groundwater Engineering, Inc. and is a registered Professional Engineer in Colorado with BS and MS degrees from Colorado State University. He is a civil engineer with expertise in groundwater hydrology and modeling, well design and construction, ASR, and hydraulic fracturing of deep bedrock aquifer wells, with over 40 years of experience in these areas. Mr. Hemenway has conducted numerous municipal groundwater development programs and has participated in many water resource management projects involving the conjunctive use and interaction of groundwater and surface water. Mr. Hemenway has been involved in the design, drilling, and testing of more than 125 deep Denver Basin wells, numerous shallow alluvial wells, and over 1,500 shallow alluvial soil borings and monitoring wells. He has also been the project engineer on ASR projects since 1991 and has managed the installation and operation of 36 ASR wells in the Denver Basin.

**Lucas Howard, Surface Water Monitoring Specialist, Agricultural Water Quality Program, Colorado Dept. of Agriculture, Broomfield, CO**



Lucas earned his Master of Science Degree in Low Temperature Water Geochemistry from Ohio University in 2019 where he was also employed as a graduate teaching assistant. Upon graduation, Lucas worked as a Staff Assistant Geologist for an environmental consulting firm in California where he gained years of experience with environmental drilling oversight, sampling techniques for various media, and project management. Lucas currently serves as the Surface Water Monitoring Specialist for the Colorado Dept. of Agriculture and the Agricultural Water Quality Program; he has over six years of combined experience analyzing fluvial systems with a focus on agricultural chemicals, harmful algae blooms, and freshwater geochemistry. Lucas holds a BS in Geological Sciences from the University of Cincinnati, an MS in Water Geochemistry from Ohio University, and a Geographic Information Systems (GIS) Certification from Ohio University.

**John Jansen, PG, PGp, PhD, Principal Geophysicist/Hydrogeologist, Collier Geophysics, West Bend, WI**



John has a B.S. in Geology and a M.S. and Ph.D. in Geological Sciences with an emphasis in hydrogeology and geophysics, all from the University of Wisconsin-Milwaukee. He is a Senior Geophysicist and Hydrogeologist for Collier Consulting. John works on a wide variety of ground water projects around the country specializing in high-capacity wells and groundwater resource management. He received the NGWA Keith A Anderson Award in 2012 for service to NGWA and the groundwater industry and was the NGWA McEllhiney Distinguished Lecturer in Water Well Technology in 2013. John was an invited lecturer on managed aquifer recharge and groundwater geophysics for the Geoscience University of China in Beijing in June of 2018.

**Sarah Klahn, Shareholder, Somach, Simmons & Dunn, Boulder, CO**



Sarah has more than 20 years' experience trying complex water cases, including matters in state district and water court, federal court, and before administrative agencies. To her trial practice, she brings a technical background in science and mathematics, which facilitates her work with technical and engineering experts. Her clients value her willingness to take cases to trial when necessary, as well as her ability to craft durable negotiated solutions to complex matters when possible. In addition to her expertise in water law, she has also litigated cases involving the extent of agency authority, state/federal jurisdictional questions, water quality, municipal law, and Taxpayer Bill of Rights (TABOR) issues. She received her J.D. from the University of Wyoming, M.S. from Colorado State University and B.A. from the University of Northern Iowa. She is admitted to the Bar in the states of Colorado, Idaho, New Mexico and Wyoming.

**Jeremy Kuhn, Director of North America, Roscoe Moss Company, Phoenix, AZ**



Jeremy Kuhn has been involved in the Groundwater Industry for over 20 years. Jeremy started his career as a Drillers Helper and has since held positions as a Driller, Operations Manager, Contracts Manager, and Business Development. He is currently the Director of North America at Roscoe Moss Company. In addition to serving on the Board of Directors for the American Groundwater Trust, he also serves on the boards of the National Groundwater Association, Arizona Water Well Association, and the Mountain States Groundwater Association.

**Helen Malenda-Lawrence, PG, Project Hydrogeologist, LRE, Denver, CO**



Helen is a field scientist with a broad background in hydrology and geology. Her work involves various projects that focus on groundwater availability and sustainability, the impact of legacy mine sites on water quality, and using non-contact methods to estimate surface water conditions conducive to bridge scour. Before becoming a USGS employee, she 'volunteered for science' as an NSF-GRIP fellow at the Upper Midwest Water Science Center, where she provided statistical and publication support for a project investigating causes of arsenic mobilization in glacial drinking water wells. Helen previously worked as a hydrogeologist for the Colorado Division of Water Resources and as a staff scientist for an environmental consulting firm in Pennsylvania. She has an MSc in Hydrologic Science and Engineering from the Colorado School of Mines and an MSc. in Earth and Environmental Sciences, from Lehigh University.

**Sierra Mitchell, PFAS Program Coordinator, SWAP & Emerging Contaminants Unit, Water Quality Control Div., CO Dept of Public Health, Denver, CO**



Sierra's has been working as the PFAS Program Coordinator for over 2 years. Her experience lies within environmental science and policy. She received her Bachelor of Science in Environmental Science and Technology from Colorado Mesa University and Minored in Political Science. She also received her Master of Science, in Environmental Engineering Science from Colorado School of Mines. Sierra has held many positions which have allowed her to practice her skills in both environmental science and policy including positions with Ruth Powell Hutchins Water Center, the office of Senator Bennet, and Colorado Parks and Wildlife. She is passionate in the conservation of water and wildlife through technical engineering methods, data analysis, and policy-based solutions.

**Michael Morphew, Hydrologist, Neptune and Company, Inc., Denver, CO**



Michael is a hydrologist at Neptune and Company, working within its modeling team. In his current role, he works to both run groundwater models and improve how project data are stored and accessed. Before beginning his graduate studies, Michael also worked as a machine learning engineer at Shield AI and as a geoscientist at ExxonMobil. In both of these positions, he worked on developing machine learning models to perform tasks such as semantic segmentation of seismic images and predict win and attrition rates for all-domain battles. His skillset is a blend of geoscience, hydrology, data science, and programming. He earned his MS in geophysics from Stanford University and his BS in geophysical engineering from the Colorado School of Mines. His graduate thesis involved examining the uncertainty in remote sensing estimates of evapotranspiration and closing the water budget at sub-basin scales using remote sensing data.

**Jim Oliver, PG, Water Resource/Hydrogeology - Western Practice Leader, Black & Veatch, Denver, CO**



Jim has over 35 years in leadership positions in water resources, environmental, and technology development. He is a leader in private groundwater supply development, water rights, and water transfer. Jim has expertise in technology integration and enablement for mining, construction, power, and infrastructure, as well as in UAS sensor technology, remote sensing, data processing, and data visualization. He has experience in national and international work related to water resource planning and large-scale water planning. Jim earned his Bachelor's Degree in Hydrology and Water Resources Science, College of Engineering from the University of Arizona.

**Reid T. Polmanteer, PG, Senior Hydrogeologist, INTERA, Boulder, CO**



Reid has spent the past ten years working and studying as a geologist in various locations in the U.S. and abroad. This unique experience provided him with a global water perspective and advanced cross-cultural communication skills. A certified safari nature guide, he brings a passion for all aspects of the environment. He currently works on water resource & supply projects throughout Colorado. His current responsibilities include project management, site investigation, geologic interpretation, aquifer testing and analysis, conceptual site modeling, and GIS. He is a professional geologist certified through the State of Wyoming. Reid earned his Master's degree in Hydrogeology from the University of Strathclyde, Master's level in Hydrogeochemistry from the University of Buffalo, and Bachelor's degree in Geology/Earth Science in SUNY Geneseo.

**Michael Rigby, CCUS/Geothermal/UGS Programs Coordinator, Colorado Energy and Carbon Management Commission, DNR, Denver, CO**

Michael is a geoscientist and regulatory specialist with a Master's degree in geology. He has a passion for creating legal and regulatory pathways for emerging industries and interconnected operations that reduce greenhouse gas emissions including CCUS. Michael has experience in Colorado oil and gas and underground injection control (UIC) policies and regulations, oil and gas operations, technical writing and presentations, development planning, petrophysics, mapping subsurface structures, and stratigraphy. Throughout his career, he has collaborated and communicated with a diverse group of people including stakeholders, the public, oil and gas lawyers, management, engineers, environmental scientists, land and lease specialists, rig personnel, business partners, vendors, and consultants. Michael earned his M.S. in Geology from University of Missouri-Columbia and BS in Geology and B.Ed in Science from the University of Dayton.

**Nathan Rogers, Geologist, Colorado Geological Survey, Golden, CO**



Nathan has worked for the Colorado Geological Survey for over two years. His geologist career includes geologic research, mapping, minerals, and the petroleum industry. He has experience in Field Mapping, Minerals, Conventional, Unconventional, Shale Gas, Tight Gas, Tight Oil, Hybrid, and Source Rock plays. Nathan has conducted extensive exploration, from limited data to large well count across five continents, in addition to management of all aspects of development, including well placement, permitting, environmental compliance, planning, drilling, geo-steering, and partnerships with diverse stakeholders. He also has expertise in production operations management, with hands-on field work to administrative aspects to supervision of activities. Nathan served as Board Trustee for RMAG Foundation and 1<sup>st</sup> Vice President for the Rocky Mountain Association of Geologists. He earned his M.S. in Geology from the University of Colorado-Boulder and B.A. degrees in Petroleum Geology and Environmental Studies from Western Colorado University.

**Fred Routhage, CWD, Well Rehabilitation Division Manager, Hydro Resources, Ft. Lupton, CO**



Fred has over 35 years of experience in the drilling fluids industry. His experience in oil and gas, mining and water well drilling and rehabilitation industry covers a broad array of locations, drilling processes and fluid solutions. He was a co-author of Johnson Screen's 3rd edition of Groundwater and Wells. He is a licensed well driller/contractor in Wyoming, Utah, Arizona, South Dakota, New Mexico, Montana and Colorado. He is certified by the National Ground Water Association in air rotary drilling, mud rotary drilling, reverse circulation drilling, and water well drilling and maintenance. Fred was selected as the 2023 McElhiney Distinguished Lecter by The Groundwater Foundation and NGWA.

**Mickey Rush, PhD, Neptune & Company, Inc., San Gregorio, CA**



Mickey is a hydrologist with a background in physics and civil engineering who specializes in numerical modeling. Mickey has over 7 years of experience building, coupling, debugging, analyzing, and interpreting results from complex groundwater, surface water, snowpack, and surface energy balance models (e.g. PFLOTRAN, MODFLOW, PRMS, GSFLOW, Utah Energy Balance). Mickey has been a member of the Neptune team since 2022.

**Chris Sanchez, PG, Principal/Shareholder-Hydrogeologist, BBA Water Consultants, Englewood, CO – Invited**



Chris oversees projects associated with ground and surface water supplies, water rights, water supply, well design and construction, and investigations of ground and surface water hydrology. He has provided expert testimony for civil and water court proceedings and State and County hearings. In 2018, Chris was appointed by Governor Hickenlooper to the State Board of Examiners of Water Well Construction and Pump Installation Contractors and now serves on that board. He is a Trustee and heads the Land Management Committee at Fountain Valley School of Colorado, an independent high school in Colorado Springs. He is past President of the board of directors of the Colorado Section of the American Water Resources Association and is a member of National Ground Water Association, Colorado Groundwater Association, Association of Ground Water Scientists and Engineers, and the Geological Society of America. Chris earned a Bachelor's degree in Geology with distinction from Colorado College and has completed graduate course work at the Colorado School of Mines and the University of Colorado, Denver. He is a registered Professional Geologist in the States of Wyoming and Utah.

**Nona Shipman, Co-Director, One World One Water – Metropolitan State University of Denver and Denver Botanic Garden, Denver, CO**



Before coming to the OWOW Center, Nona had worked on the statewide Colorado Water 2012 campaign with Water Education Colorado. Originally from Northern Virginia, Nona moved to Denver in 2011 as an AmeriCorps VISTA volunteer and loved the experience so much she decided to stay in Colorado and pursue further water education opportunities. She earned a BA in Communications from Lynchburg College, an MA in Biological Sciences from Miami University, Ohio, and welcomes the opportunity to incorporate her degrees with her passion for raising the awareness of precious environmental resources.

**Clayton Thayer, Business Development, KP Ventures Drilling & Pump, Cottonwood, AZ**

Clayton Thayer has worked in the drilling industry for 17 years. He currently serves in the role of Business Development for KP Ventures Drilling & Pump, serving the Southwestern US. Clayton holds drilling and pump installers licenses in Utah, Colorado, Arizona, Texas and Kansas. He is a licensed contractor in the State of New Mexico for underground construction. He is also an MSHA (Mine Safety and Health Administration) Safety Instructor. He has served as project manager, driller, or account manager for drilling projects at National Labs, Superfund Sites, Transuranic Waste Facilities, municipal well projects at most of the larger municipalities in the Southwestern US, residential wells and horizontal drilling projects. Clayton has a BS in Agronomy and a BA in French.

**Innocent Vomitadyo, PhD Candidate/Fulbright Scholar, Colorado State University, Fort Collins, CO**

Innocent Vomitadyo is a Ph.D. candidate and a Fulbright scholar at Colorado State University. He specializes in Environment and Natural Resource Economics. His current work is on evaluating the impacts of various irrigation water management strategies on regional economies. His interest is in the relationship between natural resources, climate change, and economic development, considering the economic linkages that tie resource value into broader, local economies.

**Christina Welch, Research and Outreach Coordinator, Agricultural Water Quality Program, Colorado Dept. of Agriculture, CSU, Fort Collins, CO**



Through the Outreach and Research Coordinator position Christina is pursuing her passion for facilitating effective, science-based communication within the broader context of applied research. This role supports the validation of agricultural Better Management Practices to inform decision-making at the state and farm level in Colorado. Specifically, she focuses on advancing collaborative efforts within the Agriculture Water Quality Program's diverse network of water and agriculture stakeholders. Her interdisciplinary background includes program management, GIS mapping, natural resource mediation, grant writing, and strategic planning. She completed her joint Master's Degree in Water Cooperation and Diplomacy from OSU, IHE-Delft, and UPeace

**Cassidy White, Research Associate, WestWater Research, Fort Collins, CO**



Cassidy is an associate at WestWater Research. Her expertise includes providing financial and economic insights on the value of water, water risk, and water market dynamics. Her experience includes providing market consultation services, leading water asset valuation analyses, conducting water right due diligence research, and contributing to water right transaction research in the Rocky Mountain region. She works with Tribal Nations in the Rocky Mountain West to support water marketing and water planning and development initiatives. Cassidy has worked with industrial clients to assess water risk and build risk mitigation strategies and has advised municipalities on water market conditions and long-term water supply planning. She also works with local irrigators in water-scarce regions to provide

supplemental water supplies. She has experience building financial and economic models, data analytics, and strategy development. Cassidy earned her Master's degree in Environmental Management at Duke University, specializing in Water Resources Management. Prior to her graduate studies, she worked in corporate water sustainability and developed water stewardship strategies for Fortune 500 companies. Cassidy earned B.A. in Environmental Studies and a B.S. in Biology from the University of Montana.

**Travis Zielke, CGWP, Senior Hydrogeologist, INTERA, Inc., Boulder, CO**



As a Hydrogeologist, Travis brings over 18 years of proven experience in water resources. He has a solid technical foundation in water supply planning, water rights analysis, modeling of surface and subsurface water supply systems, and litigation support. Travis was previously employed at Lamp Rynearson (formerly TZA Water Engineers), where he worked on and led a variety of groundwater modeling, water rights, GIS, well design and aquifer testing, and surface water modeling projects. He earned a Bachelor of Science in Environmental Geology from Colorado State University.