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## Todd Umstot

*Senior Hydrogeologist*

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### Mr. Todd Umstot is a Senior Hydrogeologist at DBS&A.

Mr. Umstot specializes in the quantitative analysis of recharge, soil-gas flow, non-aqueous phase liquid (NAPL) migration, groundwater flow, and contaminant fate and transport. He has more than 24 years of experience in New Mexico, Nevada, California, New Jersey, New York, Arizona, Texas, Florida, and Puerto Rico. His experience includes watershed modeling to determine the quantity of recharge and runoff in water rights cases, groundwater flow modeling to evaluate the potential impacts of groundwater pumping on existing water rights, contaminant fate and transport modeling to evaluate the sources and timing of contamination, NAPL modeling to distinguish operational releases versus spills in insurance allocations, and evaluation of environmental investigations and remedial corrective actions at a large scale refinery. He is frequently called upon to evaluate and dissect groundwater and contaminant transport models developed by opposing experts. In addition, Mr. Umstot has developed a watershed model that has been successfully used in water rights hearings to estimate the quantity of recharge available for groundwater appropriation. His model has been applied to numerous basins in New Mexico, Nevada, and California.

Mr. Umstot contributes technical expertise in support of attorneys during trial testimony and depositions of opposing expert witnesses. He has provided expert witness testimony at State water rights hearings, has been deposed for a water rights appropriation matter in State court, and has also been retained as a rebuttal witness.

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### Contact

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### Education

**M.S., Hydrogeology**, University of Nevada, Reno, 2002

**B.S., Geology**, University of Massachusetts, Amherst, 1993

**B.S., Environmental Science**, University of Massachusetts, Amherst, 1993



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