David Adamson, PHD, PE

Principal Engineer

HIGHER EDUCATION

PhD, Civil and Environmental Engineering, University of Iowa, Iowa City, IA, 2000

MS/BSE, Civil and Environmental Engineering, University of Iowa, Iowa City, IA, 1994/1996

PROFESSIONAL LICENSES

Professional Engineer: Texas, #104876

Email: dtadamson@gsienv.com

PRACTICE AREAS:

- ✓ Environmental Investigation and Remediation
- ✓ Research and Development
- ✓ Emerging Contaminants
- ✓ Monitored Natural Attenuation
- ✓ Litigation Support
- ✓ Chemical Fate and Transport
- ✓ Training and Tech Transfer

INDUSTRIES:

- ✓ Chemical
- ✓ Oil and Gas
- ✓ Manufacturing
- ✓ Law Firms
- ✓ Government Agencies
- ✓ Real Estate

BIOGRAPHICAL SUMMARY

Dr. Adamson is a Principal Engineer with GSI Environmental Inc. and has more than 15 years of experience in academic research and as an environmental consultant. He has provided consulting expertise on a broad range of projects including chemical fate and transport, site investigation, remedy screening, risk assessment, remedial design, and litigation matters. He has managed projects that focus on monitored natural attenuation (MNA), source zone characterization, emerging contaminants, matrix diffusion, and the development and testing of innovative treatment technologies. Dr. Adamson's professional experience includes site investigation, characterization, and remediation, with projects in the U.S., Europe, Latin America, and the Middle East, including the design, implementation, and management of full-scale remediation projects.

Dr. Adamson has conducted research on a variety of areas related to subsurface contamination. He has authored or co-authored over 30 published technical articles on topics such as 1,4-dioxane fate and transport, matrix diffusion of contaminants, source zone characterization and attenuation, in situ bioremediation, remediation performance, improved treatment methods, and he serves as a technical reviewer for multiple environmental journals. He is a co-author of the DoD-sponsored guidance document "Frequently-Asked Questions About MNA" and was one of three co-instructors for the DoD-sponsored "Massive Open Online Course" (MOOC) on MNA. Prior to joining GSI, he worked as a post-doctoral research associate at Cornell University and Rice University. Dr. Adamson has served an Adjunct Assistant Professor(s) at Rice University in the Civil and Environmental Engineering Department, where he has taught several courses and currently serves as a Lecturer.

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