

Brett C. Bottenberg, C.E.M
Managing Partner – Las Vegas Office

Professional Experience

Mr. Bottenberg is an Environmental Scientist and Engineer with more than 15 years of professional experience in conducting Phase I and II Environmental Site Assessments (ESAs), National Environmental Policy Act (NEPA) reviews, Spill Prevention, Control, and Countermeasure (SPCC) Plans, Bioremediation Plans, Brownfields Assessments/Project Management, Leaking Underground Storage Tank (LUST) project management, and analytical data review. Applied experience includes conducting over 500 Phase I ESAs, Phase II ESAs, SPCC Plans, and NEPA reviews throughout Nevada, California, Utah, and Arizona. Mr. Bottenberg's diverse background provides project management experience in both the regulatory and construction industries. Further, Mr. Bottenberg has valuable knowledge pertaining to contaminant transport, chemical interactions, and remediation systems. Mr. Bottenberg is also the McGinley & Associate's (MGA) Las Vegas office managing partner.

Project Experience

Phase I Environmental Site Assessments

Mr. Bottenberg has conducted Phase I ESAs in the western portion of the United States since the year 2000. Currently, Mr. Bottenberg heads the MGA due diligence team. He manages Phase I ESA projects and their associated activities for both the Las Vegas and Reno offices. He has conducted presentations related to revisions of the ASTM Phase I standard (E1527-13) for the Maricopa County Bar Association as well as community banks and is well versed with all requirements related to the standard and the EPA ruling regarding All Appropriate Inquiry (AAI).

Mr. Bottenberg has the following experience related to conducting Phase I ESAs:

- **Nevada** – Conducted over 450 Phase I ESAs throughout Nevada. Client types include but are not excluded to banks, commercial real-estate brokers, private citizens, industrial manufacturers, mines, governmental agencies, school districts, and commercial businesses.
- **California** – Mr. Bottenberg has experience conducting Phase I ESAs in both southern and northern California.

Brownfields Projects

Mr. Bottenberg currently manages the MGA Brownfields division which is responsible for projects associated with MGAs contract with the Nevada Division of Environmental Protection (NDEP) and subcontracted projects associated with the Rural Desert Southwest Brownfields Coalition (RDSBC) grant. His duties include public outreach to locate potential projects, ascertaining funds for those projects from the NDEP or the RDSBC, and managing brownfield related projects which include Phase I ESAs, Phase II ESAs, cleanup and reuse plans, corrective action plans, health and safety plans, removal action plans, abatement projects, and remediation projects.

Leaking Underground Storage Tanks

Mr. Bottenberg currently manages MGA activities associated with the NDEP Leaking Underground Storage Tank (LUST) Contract with NDEP. LUST projects previously or currently managed by Mr. Bottenberg include the following:

- **NDEP Monitoring Well Abandonment** – Approximately 70 former NDEP monitoring wells were abandoned with the Nevada Division of Water Resources through the use of a waiver abandonment procedure. Activities associated with this project included an extensive file review of former projects to determine possible well locations, the use of field equipment to locate potentially lost wells, and management of licensed drillers to abandon located wells.
- **Eagle Gas North UST Removal, Site Assessment, and Remedial Activities** – Underground storage tanks at a gas station located in Carson City were removed along with all associated dispensers, underground piping, and vent piping. Subsequently, the site was further assessed and a conceptual site model was prepared for the site. Based on the conceptual site model, a corrective action plan was implemented and an Air Sparge/Soil Vapor Extraction remediation system was designed and installed. Currently, the remediation system is active and the site is being monitored. Mr. Bottenberg has managed the entire project to date.

Spill Prevention, Control, and Countermeasure Plans

Mr. Bottenberg currently manages MGA activities associated with Spill Prevention, Control, and Countermeasure (SPCC) Plans. He has experience conducting site visits at both small and large facilities, preparing plans, and providing regulatory guidance to clients. Mr. Bottenberg has provided these services at facilities located in California and Nevada and is well versed with state and federal regulations (40 CFR 112) associated with these detailed plans.

Bioremediation Plan

Mr. Bottenberg was the Project Manager responsible for design and implementation of a bioremediation plan to treat soils contaminated with crude oil at an oil production facility in rural Nevada.

Remediation Research Associated with Hazardous Compounds

Mr. Bottenberg provided research services while studying for his Master of Science in Environmental Engineering degree at Washington State University. The following activities were associated with his research:

- **Washington State University, Pullman, WA** – Research Assistant responsible for design and implementation of laboratory projects studying the effectiveness of chemical oxidation for remediation of common soil and groundwater contaminants, including benzene, toluene, perchloroethylene, and carbon tetrachloride. Designed complex soil-water systems with successful results that enabled eventual grant awards for further research in these areas.
- **Washington State University, Pullman, WA** – Researcher responsible for design of specific laboratory systems to study Fenton's Reagent and its role in the enhanced desorption and transformation of chloroaliphatic compounds within modified Fenton's reactions. Determined that vigorous reactions of soluble iron and hydrogen peroxide can not only oxidize organic compounds, but also can induce desorption of those compounds from organic material with subsequent oxidation and/or reduction.

Education

M.S., Environmental Engineering, Washington State University, 1997.

B.S., Civil Engineering, Washington State University, 1995.

Certifications and Registrations

Nevada Certified Environmental Manager, EM#1690 (Exp. 10/7/15)

State of Utah UST Certified Consultant, CC 0251 (Exp. 6/30/16)

Engineer in Training, EIT#20066.

OSHA Hazwoper 40 Hour Certification.

OSHA Hazwoper 8 Hour Refresher.

Adult First Aid/CPR/AED Certification.

Affiliations

Member: Commercial Real Estate Development Association (NAIOP)

- Member of the Government Affairs Committee
- Golf Committee Chair

Member: Nevada Professional Facilities Managers Association (NPFMA)

Member: Air & Waste Management Association, Nevada Section

Member: Nevada Water Resources Association

Participation as a Faculty Member: Maricopa County Bar Association