

IAIN A. OLNESS

Education

BA – Geology, University of Minnesota, Morris, 1990
MS – Geology, Eastern Washington University, 1993

Specialty Training

2006 / Loss Prevention System
2006 / Smith Defensive Driver
2006 / ASTM International / Risk-Based Corrective Action at Petroleum Release Sites
2005 / ASTM International / Phase I and Phase II Environmental Site Assessments for Commercial Real Estate
2005 / Bioremediation of Hydrocarbon Contaminated Soils
2003 / PSMJ / Project Manager's Boot Camp I
2000 / DPIC Companies / Professional Liability Claims Case Study
2000 / Third International Conference on the Analytical Element Method in Modeling Groundwater Flow
1995 / University of Wisconsin, Madison / Groundwater Flow Through Fractured Media 1992 / OSHA HAZWOPER Certification



Professional Experience

Mr. Olness is Senior Project Manager located in the SCS Phoenix office with more than 29 years of experience in the environmental industry. Mr. Olness has extensive experience in petroleum remediation, surface and subsurface contamination investigation, and Phase I and Phase II environmental site investigations (ESAs). Mr. Olness also has experience with public water supply well installation and groundwater modeling. Mr. Olness' modeling experience includes the construction of a finite difference computer model of the Spokane Aquifer using Modflow as the basis of his thesis. In addition, he utilized an analytical element model (MLAEM) to develop a wellhead protection plan for the City of Little Falls, Minnesota. In addition, Mr. Olness has experience with the completion of hydrologic studies for the placement of new municipal wells for several communities in northern Minnesota, including completing the specifications for the installation and testing of the wells.

Site Investigation and Remediation, Confidential Client, Phoenix, AZ. Project Manager for the investigation and remediation of a 40+ acre site in central Phoenix that was being redeveloped for commercial use. Responsibilities included coordinating with subcontractors, daily management of field activities, ensuring QA/QC parameters are followed/met, client communication and invoicing. Site was impacted by a variety of contaminants over the years the facility operated.

Site Investigation for UST Facilities, ADEQ, AZ. Project Manager for additional investigative and closure activities for several leaking UST sites in Arizona under the State Lead Program. Responsibilities included coordinating with subcontractors, daily management of field activities, ensuring QA/QC parameters are followed/met, client communication and invoicing.

Site Investigation and Remediation, Luke Air Force Base, Glendale, AZ. Mr. Olness was the installation lead for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) projects associated with Luke Air Force Base. Responsibilities included investigation oversight, reporting, and remediation at 13 different sites and responsible for communication/interactions with the Air Force Civil Engineer Center (AFCEC), Arizona Department of

Environmental Quality (ADEQ), and the United States Environmental Protection Agency (USEPA) Region 9.

Site Investigation and Remediation, Davis Monthan Air Force Base, Tucson, AZ. Provided technical assistance for an underground storage tank investigation project associated with Davis Monthan Air Force Base. Responsibilities included reviewing reports and providing technical guidance on achieving closure.

Site Investigation and Remediation, Phoenix and Tucson, AZ. Mr. Olness was the project manager for two separate water quality assurance revolving fund (WQARF) sites. Mr. Olness managed the daily activities associated with the reporting pertaining to in-situ remediation of a chlorinated solvent plume, performance monitoring and site-wide monitoring at the 7th & Bethany (Phoenix) WQARF site. Managed the daily activities associated with the operation of the SVE remediation and performance monitoring associated with the 7th & Arizona Avenue (Tucson) WQARF site.

Site Investigation and Remediation, Tolleson, AZ. Mr. Olness conducted confirmation sampling associated with the remediation of a former chemical manufacturing facility. Mr. Olness was responsible for collection of the confirmation samples, marking the sampling locations for subsequent surveying, overseeing the loading of trucks for transportation to an approved landfill.

Site Investigation and Remediation, Surprise, AZ. Project manager for the investigation and remediation of a former wholesale fertilizer facility. His responsibilities included developing the scope for the investigative sampling, directing the sampling activities and subsequent oversight of the remediation activities and confirmation sampling work.

Retail Petroleum and Crude Oil Site Investigation and Remediation, AZ, NM, & TX. Mr. Olness was the portfolio manager for a group of retail petroleum sites in Arizona and New Mexico and crude oil sites in New Mexico and Texas. Responsibilities included coordination for sampling of the sites and operation and maintenance of associated remedial systems. Remedial systems included air sparge / soil vapor extraction (AS/SVE) systems, dual phase extraction (DPE) and high-vacuum (Hi-Vac) extraction systems. Remedial technologies also included in-situ options such as the injection of BOS-200® to treat dissolved phase constituents in the groundwater. The portfolio consisted of forty retail sites in Arizona, four retail and six crude oil sites in New Mexico, and five crude oil sites in Texas.

Post-Closure Permit Monitoring and Reporting for a former refinery, UT. Managed the post-closure permit (RCRA) for a former refinery consisting of annual monitoring and semi-annual inspections in Utah. He ensured the permit requirements were followed/met.

Technical Manager / Hydrogeologist, Crude Oil Remediation Sites, NM, TX. Provided project management and consulting services for various soil and groundwater crude oil remediation sites throughout Lea and Eddy Counties, New Mexico and Andrews, Ector, and Winkler Counties, Texas. Clients included Exxon-Mobile, Chevron USA, Conoco-Phillips, Duke Energy Field Services, Plains All American Pipeline, Chesapeake Energy Corporation, and numerous independent operators. Responsibilities include supervising seven employees and administration of all projects. Responsible for the day-to-day activities of more than 50 projects simultaneously, including managing project staff, scheduling contractors/subcontractors, change orders, and invoices. Releases ranged from less than 5 barrels to greater than 500 barrels.

Phase I Environmental Site Assessments, OR, WA, MN, WI, NM, AZ. Mr. Olness has been involved with the preparation of numerous Phase I ESAs over his career. His involvement included

conducting the site visits, interviews, records research, and preparing the reports to include recommendations associated with any recognized environmental conditions (RECs).

Hydrogeologist, Storm Water Drainage / Runoff Analyses, Washington and Idaho. Conducted Storm Water Drainage / Runoff Analyses and engineered containment structures for private residences within the Liberty Lake Sewer District, Liberty Lake, Washington and for the U.S. Navy at the David S. Taylor Research Facility, Bayview, Idaho.