

# **ELLEN FROSCH**

## **Education and Professional Development**

- B.B.A., National University
- Exxon Tank and Piping School for Engineers

## **Summary of Professional Experience**

Ms. Frosch is a Sr. Engineering Technician with Acton • Mickelson • Environmental, Inc. and has 20 years of experience. Her technical specialties include:

- Underground storage tank (UST) regulations
- Precision testing of USTs
- UST equipment
- Management programs for USTs
- UST design and installation



## **Representative Experience**

- Ms. Frosch developed UST facility removal and tank specifications for forest product corporation sites in California, including permit acquisition, bidding process, subcontractor procurement, and oversight of all phases of construction. The scopes of work included assessment of regulatory UST requirements and selection of appropriate UST equipment to meet both client and regulatory needs.
- Ms. Frosch served as Underground Tank Administrator responsible for UST regulatory compliance at retail facilities (Exxon Company, U.S.A.). Her responsibilities included reviewing federal, state, and local regulations, developing plans to ensure compliance, and implementing appropriate actions as required including tank testing. She acquired a thorough knowledge of the United States Environmental Protection Agency's Final Regulations and numerous state regulations. She has extensive knowledge and experience with numerous California agency underground tank regulations and service station permitting.
- Ms. Frosch coordinated tank testing for 300-plus locations (minimum three tanks per location). This included identifying locations requiring testing, selecting qualified tank test contractors, scheduling test dates, coordinating gasoline delivery, and tracking test results. In case of test failures (non-tight test), she coordinated necessary tank excavation, repair, and isolated retest, notified appropriate parties of any confirmed non-tight systems, and completed additional reporting of these incidents. She submitted test results to appropriate regulatory agencies. She conducted tank testing for Esso Eastern at their retail facilities on the island of Guam, including coordination, setup, testing, construction modifications to tanks that did not pass the initial test. She provided technical support for Esso Eastern in meetings with Guam Environmental Protection Agency and the local fire department.

- Ms. Frosch acquired broad training in service station equipment, including single-wall fiberglass tanks, double-wall fiberglass tanks, fiberglass piping, submerged turbines, leak detection devices, and product pumps/dispensers. She gained an understanding of the American Petroleum Institute's Recommended Practices and National Fire Protection Association Codes related to gasoline facilities.
- Ms. Frosch assisted in identifying required data to develop an underground tank computer system that would integrate service station location/equipment with detailed underground tank data. The underground tank data included details of tank/piping equipment, cathodic protection systems, inventory verification/analysis, leak history, and specific actions required by underground tank regulations for each location.