



**EXPERIENCE:**

Diane has 15 years of experience with environmental matters ranging from industrial to real estate related issues within the petroleum industry. The scope of services performed during her tenure in the industry includes projects related to both upstream exploration and production facilities to downstream refining and chemicals production. Diane has extensive experience with exploration and production facilities, Superfund sites, Voluntary Cleanup Program (VCP) projects, petroleum storage tank (PST) rules, groundwater quality assessments, soil and groundwater remediation, Phase I ESA real estate evaluations, permitting and waste handling issues and regulatory interpretation and compliance.

Through the American Petroleum Institute (API) Executive Committee on Environmental Conservation, Diane served on and led work groups developing API guidance documents to assist the petroleum industry in regulatory compliance for underground injection control, naturally occurring radioactive materials, and exploration and production exempt and non-exempt wastes.

Brief summaries of a portion of the projects Diane has dealt with are provided below:

**KEY PROJECTS:**

*Oil Field SPCC Plan – Project Manager:* Diane was instrumental in developing an effective SPCC plan covering 23 tank batteries and 11 saltwater injection plants within a 100,000-acre field for an oil company client in west Texas. The plan was designed to reflect the realities of oilfield operations and meet the requirements of the new SPCC rules.

*Industrial Property – Harvey, Louisiana – Project Manager:* Diane developed and managed a site investigation, risk assessment and remediation at a former paint and marine coatings manufacturing facility. The investigation was complicated by the site’s history which included improper waste disposal of volatile organic compounds and the



manufacturing of the pesticide DDT. Using limited excavation and a risk based approach to both the site assessment and remediation, site closure was obtained from the Louisiana Department of Environmental Quality in less than two years. This site was one of the first in Louisiana to successfully use risk assessment to obtain site closure.

*Former Refinery – Colorado City, Texas:* Diane served as senior project manager for 7 years at this 180 acre, highest ranked state Superfund site. Project management included emergency response for ongoing subsurface releases, development of multiple site investigation plans for various units of the former refinery and adjacent properties, oversight for remediation systems, development of the Biological Inventory for a Natural Resource Damage Assessment, and community relations. In addition to the technical and regulatory aspects of this project, legal, administrative and public relations elements were also important as multiple PRPs and lawsuits were involved in the site. Coordination with multiple Federal and state agencies was required throughout the project. To address community concerns, a community advisory panel of local elected officials and community leaders was facilitated.

*Environmental Compliance Audit – DOT pipeline, Texas – Project Manager:* Diane reviewed existing pipeline construction documents and records, developed a plan and led a team which performed a health, safety and environmental regulatory compliance audit for a 480-mile high-pressure gasoline and crude oil pipeline system. The pipeline regulatory audit entailed detailed knowledge of Federal and State Department of Transportation (DOT) regulations, OSHA, and Texas Railroad Commission regulations as they applied to the pipeline, pump stations, and terminals. A visual inspection of the pipeline and pipeline right of way as well as all associated equipment and tankage was performed. A report detailing the findings of the



audit was prepared listing the regulatory citations, deficiencies, and recommended corrective action.

*Environmental Compliance Audit – Exploration and Production Facilities, Texas New Mexico, Louisiana, Coastal Offshore Gulf of Mexico – Project Manager:* Diane served as project manager for health, safety and environmental regulatory audits at over 300 production facilities in Texas, New Mexico and Louisiana. Production facilities included water flood and CO<sub>2</sub> flood units, onshore and coastal oil and gas wells, tank batteries, crude oil gathering systems and natural gas processing plants. The audits included a detailed review of all applicable Federal and State regulations for exploration and production facilities, including waste handling and waste disposal methods, air permitting, spill control and countermeasure plans (SPCC), underground injection, NPDES permitting, OPA, EPCRA and OSHA regulations. Reports detailing the findings of the audit were prepared which listed the regulatory citation, deficiency and recommended corrective action.

*Oilfield Damages Assessment – Big Spring, Texas – Project Manager:* Diane was involved in assessment and evaluation of potential remedial action from a ruptured crude oil pipeline that had impacted groundwater. Remediation was implemented to remove free phase hydrocarbons and hydrocarbon saturated soils.

*Petroleum Storage Tanks – Project Manager:* Diane provided project management for over 260 petroleum storage tank locations in seven states. Diane was responsible for technical as well as financial administration regarding these projects.

**EDUCATION:**

Masters of Science, Geology (emphasis on groundwater); Texas Tech University; 1989

Bachelors of Science, Geology; Texas Tech University 1982



*Cirrus Associates, LLC*

**DIANE PERKINS**  
**Senior Environmental Geologist**

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Other - Groundwater Modeling and Aquifer Characterization, Pressure Transient Analysis in Reservoirs, Masters Civil Engineering Coursework, Texas Tech University, 1987.

**WORK HISTORY:** Senior Environmental Geologist, Cirrus Associates, Dallas, Texas, August 2005 to current.

Environmental Advisor, Fina Oil and Chemical Company, Inc. Dallas, Texas, July 1995 to September 1997.

Senior Staff Environmental Specialist, Fina Oil and Chemical Company, Inc., Dallas, Texas, July 1992 to June 1995.

Environmental Specialist, Fina Oil and Chemical Company, Inc., Dallas, Texas, January 1989 to July 1992.

Environmental Scientist, U.S. Environmental Protection Agency, Dallas, Texas, Texas, January 1988 to January 1989.

Production Geologist, Sun Exploration and Production Company, Midland, Texas, May 1982 to October 1986.

**AFFILIATIONS:** National Groundwater Association

Former member American Petroleum Institute Executive Committee on Environmental Conservation