

GIL GABALDON, P.G.

Education

MA – Hydrogeology, University of Texas at Austin, 1991

BS – Geology (Major: Marine Studies; Minor: Petroleum Geology), University of Texas at Austin, 1986

Professional Licenses

Professional Geologist/Geoscientist – Texas, Louisiana, Tennessee

Professional Experience

As a project geologist and project manager, Mr. Gabaldon has completed numerous risk-based investigations both conducting the fieldwork and managing the project. He has over 25 years of experience working primarily on oil and gas projects including soil and groundwater sampling and remediation of hydrocarbons and metals. Project experience includes soil and groundwater sampling, monitor well installation and plug and abandonment, regulatory reporting, client interaction, supervision of field and office staff, and emergency response. He has prepared reports for various regulators including the Texas Commission on Environmental Quality (TCEQ) and the Railroad Commission of Texas (RRC). Notable experience includes the following.

Risk-Based Soil and Groundwater Investigations

Project hydrogeologist for risk-based soil and groundwater investigations at sites in Alabama, Arizona, Arkansas, Louisiana, New Mexico, North Carolina Tennessee, Texas, and Mexico.

Management responsibilities include writing proposals, development of site workplans, preparation of risk assessment reports, and interaction with state agencies. Technical experience includes well installation, plug and abandonment and soil and groundwater sampling. Supervised office field staff. Key projects included:

- **Project manager for remediation of four condensate release sites.** Evaluated remedial alternatives for site closure and liaison to state regulatory agency and property owners.
- **Project manager at former crude oil pit in northwest Texas.** Developed closure involving surficial cap of affected soil, received regulatory approval, and subsequent regulatory closure of the site.
- **Project manager for risk-based investigation of a former refinery in west Texas.** Developed risk-based work plans, evaluated remedial alternatives, oversaw compliance with client-specific internal procedures and protocols. Duties included management of remediation involving incident-free removal of 48,000 cubic yards of affected soil. Project involved implementation of behavior-based health and safety.
- **Project manager for investigation of chloride-contaminated water associated with former waste disposal injection wells and/or pits.** Responsibilities included development of proposals and work plans, completion of cost loaded schedules, groundwater sampling, reporting, and interaction with Texas Railroad Commission.

- **Project manager for risk-based investigation of a pipeline release in south-central Texas.** Responsibilities included preparation of an APAR, submittal of Self Implementation Notice, and evaluation of remedial alternatives to arrive at Remedy A Standard.
- **Project manager for risk-based investigation of former creosote tanks, solid waste management units and waste impoundments within a refinery in south Louisiana.** Responsibilities included groundwater sampling, development of risk-based workplans, use of Cone Penetrometer Technology and Rapid Optical Screening Tool – Laser Induced Fluorescence (ROST-LIF) to delineate affected media, completion of risk-based reports, and interaction with state agency and USEPA.
- **Project geologist for several UST sites in several states and Navajo Nation.** Responsibilities included the development of proposals, implementation of workplans, preparation of reports, risk assessments and state-required forms, and interaction with state agencies.
- **Project geologist for soil and groundwater investigations in Nuevo Laredo and Tierra Blanca, Mexico.** Responsibilities included oversight of subcontractors and excavation activities and completion of soil and groundwater investigations.

Groundwater and Soil Investigations at Petroleum and Chemical Processing Plants, and UST Sites

Project hydrogeologist for groundwater and soil investigations at petroleum and chemical processing plants, and UST sites. Management responsibilities included supervision of project staff and subcontractors, proposal preparation, and client/agency interaction. Technical experience included installation of groundwater monitoring systems, implementation of field programs, analysis of ground water and soil data, preparation of investigative reports, pump tests, and plug/abandonment of monitoring, recovery, and water wells. Key projects included:

- **Project manager for a risk-based soil and groundwater investigation of a former creosote plant in central Louisiana.** Responsibilities included the supervision of CPT and use of ROST-LIF to delineate affected media.
- **Project manager of several construction projects for an apparels manufacturing plant in Mexico,** including supervision of a bench-scale treatability study involving the plant's wastewater treatment system.
- **Project geologist for Solid and/or Hazardous Waste ground water sampling programs at several petroleum refineries in south Louisiana.**
- **Project geologist for installation of recovery wells to remediate a mercury plume at a landfarm in Mississippi.**
- **Project geologist for RCRA compliance at a large refinery in southeast Louisiana.** Performed multiple soil and ground water assessments, coordinated RCRA ground water sampling, and prepared reports to state agencies.
- **Project geologist for EPA compliance at a chemical formulation plant in north Louisiana.** Designed and installed a recovery well to remediate ground water. Implemented a pumping test and evaluated data. Prepared reports for submittal to the USEPA.