



Cirrus Associates, LLC™

Cirrus Associates, L.L.C. is a full service environmental and hydrogeologic consulting firm with offices in Dallas, Houston, and Lubbock, Texas. Cirrus' primary objective and strengths are providing high quality, cost-effective services to its clients. By concentrating its operations in three diverse locations, including the two largest metropolitan areas in Texas, Cirrus is positioned to be an efficient, cost effective provider of environmental and hydrogeologic consulting services in Texas. In today's extremely competitive environmental consulting industry, geographically focused firms who employ high quality personnel offer a personalized level of consulting advice to their clientele at a reasonable cost. Cirrus is such a firm with a combination of talents that make us your best choice for your Texas environmental needs.

Cirrus' professionals are experienced in providing effective services for industrial manufacturing facilities, major and independent petroleum production and refining companies, chemical companies, commercial real estate management firms, law firms, real estate developers and investment companies, and municipalities. These clients range from Fortune 500 companies to small, privately-owned businesses.

Cirrus' experienced staff offers **ENVIRONMENTAL** experience in:

- Environmental Site Assessments (Phase I, II, and III)
- Voluntary Cleanup Program
- Municipal Settings Designations
- Industrial, Hazardous and Solid Waste
- Innocent Owner/Operator Program
- Underground Storage Tank Management
- Risk Management
- Site Investigation Work Plan Development and Implementation
- Remediation of Soil and Groundwater
- Landfill Maintenance and Monitoring Activities
- Permit Modifications
- Closure/Post Closure Plan Development
- Regulatory Consultation
- Expert Witness Testimony
- Asbestos Surveys and Development of Asbestos Management Plans

Cirrus' experienced staff offers **WATER RESOURCE MANAGEMENT** experience in:

- Hydrogeological Investigations and Reports
- Evaluation of Aquifer Resources (quantitative and qualitative)
- Development of Preparation of Water Management Plans
- Technical Support to Groundwater Conservation Districts (GCDs), Regional Water Planning Group (RWPGs), Groundwater Management Areas (GMAs) municipalities, industry
- Comparative Studies of Water Supply vs. Demand
- Water Supply Risk Assessments for Real Estate Transactions
- Well Installation and Groundwater Sampling
- Aquifer and Hydrogeologic Characterization
- Groundwater Modeling
- Sustainability Studies
- QA/QC of State Databases

The professionals at Cirrus keep abreast of the ever-evolving maze of environmental and water resource-related laws and regulations through participation in industry trade organizations and regularly attending professional meetings. Cirrus personnel are current or past members of:

- Texas Risk Reduction Program (TRRP) Guidance Document Steering Committee (Texas Commission on Environmental Quality)
- Restoration Advisory Board (Reese Air Force Base)
- Technical Subcommittee (Llano Estacado Regional Water Planning Group)
- Industry Council on the Environment
- National Groundwater Association
- American Institute of Professional Geologists
- Society of Texas Environmental Professionals
- Association of Environmental and Engineering Geologists
- Environmental Bankers Association