



## **Key Information - Cirrus Associates, L.L.C.**

*Our goal is to provide our clients with cost effective, well thought out solutions to their environmental issues. We always strive to find the best answer....not just an answer!*

- Principals: Dick Record, P.G, M.S. – Geology/Hydrogeology; Brian Moore, P.G., M.S. - Geology and Civil Engineering; Combined environmental experience of over 30 years
- Offices in Houston, Dallas and Lubbock providing environmental and water resource management services since 1998
- One of 12 Members of the Texas Risk Reduction Program (TRRP) Guidance Development Steering Committee, which oversees development of all the TRRP guidance
- Site specific, common sense approach to resolving site issues
- Wide range of experience with different clients including:
  - Real Estate Development/Management and Their Lenders – The CIT Group; Comerica; Holt Lunsford Commercial; Hillwood Investment Properties; Kovest Realty; Cencor Realty Services; IMT Residential; Hunt Properties; Direct Development, Nationwide Insurance, etc....
  - Fortune 500/Industrial – AutoNation; Dal-Tile International; Williamson-Dickie; Texas Instruments; Wyeth; Motiva; American Electric Power; Alamo Rental Cars
  - Pipeline/Energy Companies – Complete Production Services; Trican Well Service; Houston Pipeline; Longhorn Pipeline Partners; Key Energy; Hunt Oil Company; Mustang Pipeline; Falcon Gas Storage
  - Environmental Attorneys –Vinson & Elkins; Haynes & Boone; Kelly, Hart & Hallman; Jill A. Kotvis, P.C.; Guida, Slavich & Flores; Meadows Owens; Lloyd, Gosselink, Blevins, Rochelle, Baldwin & Townsend, P.C.; Baker & McKenzie; Godwin, Pappas, Langley, Ronquillo, LLP; McGlinchey Stafford; Walter D. James III, PLLC; Hughes & Luce; Carrington, Coleman, Sloman & Blumenthal; Jackson Walker; etc...
- Specialize in subsurface investigations, risk assessments, remediations and closures with our experience including:
  - Property re-development assistance including Phase I ESAs, Phase II subsurface investigations, remediation, asbestos inspection, abatement supervision and demolition
  - Investigation and remediation of metals impacts including chromium, lead and other metals
  - Audits of dry cleaners and other facilities to evaluate current compliance status
  - Investigation of chlorinated organics at dry cleaners and industrial facilities
  - Remediation of chlorinated organics and hydrocarbons utilizing direct injection and other technologies
  - Landfill maintenance and monitoring
  - Oilfield spill assessments, audits and SPCC plans
  - Petroleum storage tank issues



- Hydrocarbon impacts from pipelines, pipeline-related facilities, underground storage tanks, bulk fuel terminals and refineries with both the Texas Railroad Commission (RRC) and the Texas Commission on Environmental Quality (TCEQ)
- Expert Witness
- Ski area management plans, investigations, re-development and cleanup
- Creosote impacts to soil and groundwater
  
- Long term involvement with the TCEQ’s Voluntary Cleanup Program with Dick Record, Dallas Operations Manager, closing VCP No. 5.
  
- Professional liability insurance coverage of \$5,000,000
  
- Provide expert services for water resource management with experience including:
  - Estimating current supply and future groundwater availability
  - Estimating current and future water demand
  - Compare and contrast water supply vs. water demand
  - Assessment of risk associated with the availability and quality of groundwater
  - Regulatory guidance for the evolving rules concerning groundwater management
  - Groundwater yield characterization for water supply wells
  - Groundwater modeling
  
- Provide services such as SPCC plans, Construction Storm Water Pollution Prevention Plans (SWPPP), spill response assistance, and Phase I Environmental Site Assessments
  
- Past Presentations:
  - State Bar of Texas Real Estate Section - Presentation on regulatory tools available at the TCEQ and RRC to facilitate real estate transactions
  - State Bar of Texas Environmental Section – Environmental Superconference presentation on the current implementation of the TRRP
  - Texas Association of Business – Presentation on the TCEQ spill response memorandums issued in 2003
  - North Texas Real Estate Management Council – Presentation on a wide variety of environmental issues to keep in mind in managing, selling or buying real estate
  - Texas Ground Water 2004: Towards Sustainability Conference, Austin, Texas – Presentation on the Modeling Efforts in the Ogallala Aquifer
  - High Plains Groundwater Resources: Challenges and Opportunities Conference, Texas Tech University, 2004 – Presentation on the Geology of the Ogallala Aquifer

| <b>Dallas Office</b>   | <b>Houston Office</b>                                       | <b>Lubbock Office</b>  |
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