

CURRICULUM VITAE

Timothy Crump
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Summary

Mr. Crump has greater than thirty-two (32) years of technical experience in a wide range of environmental disciplines including Phase I environmental site assessments (AAI/ASTM) for commercial and industrial properties; asbestos project management, inspection, management planning and air monitoring for commercial, residential and industrial facilities; indoor air quality investigations concerning water intrusion, mold, and/or other environmental concerns; hazardous materials assessments/management; subsurface investigations for contamination assessments involving soil, soil vapor, sediment, surface water, and groundwater for a variety of industrial and commercial sites; underground/aboveground storage tank management and field supervision in the performance of all phases of UST/AST management, site characterization, environmental investigations, remediation and case closure; real estate assessments for commercial and industrial sites across the U.S.A. and Mexico; Naturally-Occurring Radioactive Material (NORM) surveys and remediation for oilfields and oilfield service companies in the United States, Canada and South America; and remediation management for soil, soil vapor, and groundwater remediation under the TCEQ's Texas Risk Reduction Program (TRRP), Risk Reduction Rules, Leaking Petroleum Storage Tank (LPST) Program, Innocent Owner/Operator Program (IOP) and Voluntary Cleanup Program (VCP), the Texas Railroad Commission (TRRC), Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP), Louisiana Department of Natural Resources (LDNR), Florida Department of Environmental Protection (FDEP), and Washington Model Toxics Control Act (MTCA).

Education

- Bachelor of Science in Geological Sciences - University of Texas at Austin, 1991
- Master of Science in Environmental Management - University of Houston at Clear Lake, 2002

Professional Registrations

- Texas Department of State Health Services – Mold Assessment Consultant (#MAC1512)
- Texas Department of State Health Services – Licensed Individual Asbestos Consultant (#105586)
- State of Texas Professional Geologist (PG #784)
- State of Florida Professional Geologist (#2434)
- State of Georgia Professional Geologist (#1885)
- State of Virginia Professional Geologist (#2801-001774)
- State of Oregon Professional Geologist (#G2260)
- State of Missouri Professional Geologist (#2010013907)
- State of Kentucky Professional Geologist (#285600)
- State of Arkansas Professional Geologist (#1942)
- State of Utah Professional Geologist (#7747246-2250)
- State of Pennsylvania Professional Geologist (#4973)
- State of Arizona Professional Geologist (#54799)
- State of South Carolina Professional Geologist (#2867)
- State of Washington Professional Geologist (#3210)
- State of Wisconsin Professional Geologist (#1397-13)
- Certified Professional Geologist - American Institute of Professional Geologists (CPG-10281)
- Texas Commission on Environmental Quality – Corrective Action Project Manager (CAPM #1234)
- Radiation Safety Officer & NORM Surveyor – NRC Compliant
- NIOSH 582 certified asbestos laboratory technician
- 40-Hour OSHA Health and Safety Training

Professional Memberships

- National Groundwater Association
- Texas Association of Environmental Professionals
- American Institute of Professional Geologists

Areas of Expertise

- **Real Estate Assessments** (Environmental Due Diligence) - ASTM, AAI, USEPA/CERCLA & NEPA
- **Remediation Management & Corrective Action** (Clean-up) - Consulting of Contaminated Real Estate
- **Risk-Based Closure** of Contaminated Property
- **Hazardous & Solid Waste Materials Management** & Clean-up Consulting of Affected Property
- **Asbestos** Assessment, Abatement Project Management & Third-Party (Contractor) Oversight
- **Indoor Air Quality (IAQ) / Mold** assessment
- **Radiation Safety (NORM)** Assessment, Remediation Management & Clean-up Consulting of Historical & Active Oil & Gas Production Fields & Support Operations
- **Petroleum Storage Tank (PST) Management, Compliance & Corrective Action** – multi-state regulatory & federal compliance review
- **General Consulting** & Client Representation including:
 - *Preparation of Environmental Management & Compliance Programs;*
 - *Review & Critical Analysis of Third-Party Consultant Reports (Peer Review);*
 - *Data Evaluation & Conceptual Cost Estimation; and*
 - *Preparation & Client Representation for State & Federal Environmental Permits & Non-Compliance*
- **Environmental Testing & Clean-up Consulting** – Remediation Oversight & Compliance Reporting
- **Industry-Specific Expertise** – Developed industry-specific knowledge, managed regulatory compliance audits and assisted in the development of tools, assessment aids and electronic report deliverables for the following regulated industries and/or operators:
 - Dry Cleaners
 - Auto Sales & Repair
 - Healthcare Systems
 - Oil & Gas Exploration/Production
 - Bulk Fuel Terminals & Transfer Stations
 - Used Oil Storage/Recycling Facilities
 - Chemical Storage & Distribution
 - Metal Plating & Coating
 - Retail Fuel Distribution & Sales
 - Plastics Manufacturing & Forming
 - Barge Cleaning & Maintenance
 - Product-Specific Chemical Manufacturing
 - NORM Generators
 - Steel Manufacturing, Foundries & Ironwork Facilities
 - Brownfields Redevelopment/Urban Core Reuse