

Education

BS, Geological Sciences, Stephen F. Austin State University

Years of Experience

With This Firm: 11

With Other Firms: 25

Areas of Relevant Expertise

- ✓ Geology/Hydrogeology/Speleology
- ✓ Threatened/Endangered Karst Invertebrate Species
- ✓ NEPA Compliance
- ✓ Phase I & II ESA
- ✓ TCEQ Edwards Aquifer Rules
- ✓ TCEQ WPAP Geologic Assessments
- ✓ Karst Feature Surveys and Excavations
- ✓ Void Assessment and Closure Planning
- ✓ Cave Surveying, Mapping, and Dye Tracer Studies

Licenses – Training – Qualifications

- ✓ Texas Professional Geologist No. 10281
- ✓ Tennessee Professional Geologist No. 1790
- ✓ TCEQ Leaking Petroleum Storage Tank Corrective Action Project Manager, PM0000394
- ✓ OSHA Permit-Required Confined Spaces Training (29 CFR 1910.146)
- ✓ OSHA 40-hour HAZWOPER Training
- ✓ Qualified Environmental Professional under ASTM Practice E1527-21
- ✓ USFWS Permit ESPER00040320-01 (Karst invertebrates)

TxDOT Precertifications

2.5.1 Geological Assessment for Edwards Aquifer Recharge Zone

2.13.1 Hazardous Materials Initial Site Assessment

Experience Summary

James Killian is a licensed Professional Geologist experienced in the fields of geology, hydrogeology, and speleology. He has performed various waste (hazardous and non-hazardous) characterizations, geologic/hydrogeologic studies, environmental assessments (EAs), environmental impact statements (EISs), and remedial design projects. He has conducted numerous karst surveys, karst excavations, and endangered karst invertebrate species collections per USFWS guidelines, as well as numerous geologic assessments per Texas Commission on Environmental Quality (TCEQ) Water Pollution Abatement Plan (WPAP) guidelines.

Mr. Killian has conducted numerous EAs including Phase I, Phase II, and Phase III environmental site assessments (ESAs). These assessments involved performing hydrogeologic investigations to determine the nature and extent of potential contamination, remedial investigations, remediation of soil and groundwater, and monitoring and recovery well design and installation. His involvement includes performing the ASTM Standard Phase I ESA, as well as EA and EIS in accordance with the National Environmental Policy Act (NEPA).

Mr. Killian has acquired valuable experience in state, RCRA, and CERCLA/Superfund compliance-related projects including work plan and report preparation, field investigation, risk assessments, regulatory agency communication, and technical report preparation, as well as scheduling and budgeting for environmental, geological, hydrogeological, and waste characterization projects.