



CIRRUS ASSOCIATES, LLC

DAN A. HANNAH
Environmental Geologist

EXPERIENCE: Dan is an environmental geologist with experience on both government and commercial projects. His experience includes field investigation and report generation. Dan has extensive experience in the development and sampling of groundwater monitoring wells, potentiometric surface map generation, and surface soil investigation. Dan has performed numerous Phase I and Phase II Environmental Site Assessments and generated Site Investigation Reports. Dan has a combined six years of experience in the oil and gas service industry prior to becoming an environmental professional. Provided below is a brief review of key projects that Dan has been involved with.

KEY PROJECTS: *Tinker AFB – Midwest City, OK:* Dan was responsible for gauging and sampling over 1,200 groundwater monitoring wells (including extraction and recovery wells) and preparing groundwater monitoring reports. He was also responsible for developing Standard Operating Procedures (SOP's) and Work Plan (WP) modifications relative to the groundwater sampling program at the Site. Primary groundwater contaminants present at the facility include chlorinated solvents and metals (nickel and chromium). The hydrology of the facility location, and its immediate vicinity, is amongst the most difficult in the nation to model due to the complex nature of the aquifer geology.

Commercial Property Evaluation - City of Plano, TX: Dan helped perform Phase I Environmental Site Assessments at several commercial and industrial properties in the Plano area, including a former concrete mold fabrication facility, vacant lots zoned for business development, and a former convenience store.

Tar Creek Superfund Site–Miami, OK: Dan helped perform Phase II Environmental Site Assessments at the nation's oldest CERCLA/ NPL (Superfund) facility. Duties included surveying residential properties for grid soil sampling, surface water sample collection, and shallow (6" and 24") soil sample collection using hand-operated percussion sampling devices. The Tar Creek Superfund Site is a former lead and zinc mining district that includes portions of northeastern Oklahoma, southeastern Kansas, and southwestern Missouri.



CIRRUS ASSOCIATES, LLC

DAN A. HANNAH
Environmental Geologist

EDUCATION

B.S., Geology; Oklahoma State University; 1992

M.S., Geology (emphasis in hydro/environmental geology);
Oklahoma State University; 2001

TRAINING

40 hour Hazardous Waste Operations (HAZWOPR)
8 hour OSHA Confined Space Supervisor training