

ROBERT L. ATKINS, P.G.
SENIOR REGISTERED GEOLOGIST

SUMMARY OF QUALIFICATIONS

Mr. Atkins is a graduate of Georgia State University with over 39 years of geology and groundwater experience in Georgia, Alabama, and Tennessee. He has conducted geologic investigations in north Georgia to locate water wells with production in excess of 100,000 gallons per day, geologic site assessments for municipal and industrial landfills, hydrogeologic studies for landfill groundwater monitoring plans, and Phase I and Phase II Environmental Site Assessments. During his career, he has authored over 40 publications on the geology and hydrology of Georgia and the southeastern United States. Additional presentations have been made to the Georgia Water and Pollution Control Association, The Georgia Rural Water Association and the Georgia Water Resources Conference.

REGISTRATION

Professional Geologist: Georgia and Tennessee

EDUCATION

B.S., Geology, Georgia State University - Atlanta, Georgia, 1970

M.Ed., Geological Education, Georgia State University, 1974

Graduate Studies, Emory University - Atlanta, Georgia 1980-1989, including graduate geology course work at Duke and Tulane Universities.

PROFESSIONAL ASSOCIATIONS

Association of Groundwater Scientists and Engineers

Georgia Groundwater Association

Georgia Geological Society

Georgia Water & Pollution Control Association

SELECTED SPECIFIC EXPERIENCE

Environmental Geology:

Conducted geologic site assessments and prepared groundwater monitoring plans for numerous municipal, county and private solid waste landfills in Georgia. Evaluation was based on the geology, topography, soil, rock and groundwater conditions; and other physical and geographical properties.

Groundwater Development:

Groundwater investigations to evaluate water supply sources for public systems, private owners, and industries. Responsibilities included oversight of field investigations, developing specifications for construction of wells, monitoring drilling and logging boreholes, conducting aquifer tests, and submitting reports to the Georgia Environmental Protection Division. Over 40 groundwater sources have been investigated. Production well development includes the following partial list:

City of Dahlonega, Georgia - 215,000 gpd drinking water well.

City of Menlo, Georgia - 430,000 gpd drinking water well.

Anheuser-Busch Brewing Company, Cartersville, Georgia - 210,000 gpd production well.

Orchard Hills Golf Course, Newnan, Georgia - 400,000 gpd irrigation well.

Rogers Lake Landfill, Lithonia, Georgia: Assessment to locate potential source of offsite contamination.

Haralson County Municipal Landfill, Bremen, Georgia: Preparation of a groundwater monitoring plan and hydrogeologic investigation for site acceptability study for a new site.

Municipal Landfill, Cairo, Georgia: Preparation of groundwater monitoring plan.

Field Geology: Participated in geologic mapping of sixty-four 7-1/2 minute USGS quadrangles in Georgia.

Water Resources: Assisted with evaluation of the groundwater resources of the Piedmont and Blue Ridge Provinces, and development of a five year program for the Georgia Department of Natural Resources.

Roads and Bridges: Location studies for alternate transportation routes. Subsurface investigations to determine scour and foundation support conditions for bridges. Landslide evaluations and implementation of stabilization measures. Investigation and remediation of sinkholes using innovative solutions in south and northwest Georgia.