

PAUL S. SCOTT, P.G.

Vice President

PROJECT ASSIGNMENT:

Senior Hydrogeologist

YEARS OF EXPERIENCE:

GTA: 18
Other Firms: 6

EDUCATION:

M.S., Hydrology, University of
Arizona, 1997
B.S., Earth Science (Geology Option),
The Pennsylvania State University,
1988

ACTIVE REGISTRATION:

Professional Geologist:
Pennsylvania, 2003, #PG004502
Delaware, 2000, #S40001081
Virginia, 2000, #2801001458
North Carolina, 2008 #2147

MEMBERSHIPS:

Maryland State Water Quality
Advisory Committee (SWQAC)
National Ground Water Association,
Member

PUBLICATIONS:

Effluent Recharge to the Upper Santa
Cruz. Aquifer, HWR No. 97-070.
Evaporation from a riparian system in
a semi-arid environment,
Hydrological Processes, Vol.12,
527-542, 1998.
Basic hydrogeologic & mining data,
Bradshaw Mountains, Yavapai Co.,
AZ., AZ Geological Survey OFR
94-2

QUALIFICATIONS:

Mr. Scott is a Vice President with Geo-Technology Associates, Inc., and is responsible for management, permitting, and support services for a wide variety of water resources and wastewater disposal projects. He specializes in on-site wastewater disposal feasibility evaluations, groundwater resource exploration, aquifer testing and groundwater flow/transport modeling, and has over 24 years of professional experience in environmental and groundwater resources consulting. Paul's computer modeling experience includes utilization of groundwater flow/transport and hydrogeochemical models.

Relevant projects managed and performed by Mr. Scott include the following:

Cannon Property, Chester County, Pennsylvania - Perform subsurface exploration and percolation testing for on-lot wastewater disposal systems including for drip irrigation. Coordinate testing with Chester County Health Department and prepare Sewage Facilities Planning Module submittal.

Logan's Reserve, York County, Pennsylvania - Perform feasibility evaluation for spray irrigation of municipal wastewater at proposed golf course. Coordinate evaluation operations with Pennsylvania Department of Environmental Protection (PADEP); meet with PADEP and assist civil engineer through planning module/PADEP approval process.

Town of Berlin, Wastewater Treatment Plant Upgrade, Spray Irrigation, Worcester County, Maryland - Soil and hydrogeologic characterization program to evaluate site suitability for up to 1 MGD treated wastewater spray irrigation on 200 +/- acre site. Performed soil mapping, coordinated with MDE for groundwater discharge permitting, performed aquifer testing and numerical groundwater flow/mounding analysis modeling. Obtained groundwater discharge permit from MDE.

Seacoast Speedway, Sussex County, Delaware - Detailed D-Licensed soils study, aquifer testing, soil boring exploration, numerical groundwater flow modeling and groundwater mounding analysis for proposed large on-site drip irrigation system. DNREC approval of soils SIR and hydrogeologic PGIA.

Drip Irrigation and Groundwater Resource Development Site Evaluation, Mountainside Day Camp, Frederick County, Maryland - Performed soil evaluation, hydraulic testing, nutrient balance analysis, loading calculations and obtained groundwater discharge permit for wastewater disposal from MDE. Performed well siting, test well drilling observation, and aquifer testing. Obtained suitable groundwater supply.

Treated Wastewater Spray Irrigation, Newark Country Club, Cecil County, Maryland - Wastewater disposal evaluation for spray irrigation of golf course and public hearing presentation. Groundwater discharge permit application; obtain permit. Included one year of baseline groundwater quality monitoring.

Martin Property, Franklin County, Pennsylvania - Perform subsurface exploration and percolation testing to evaluate feasibility of proposed on-site wastewater disposal; perform nitrogen mass balance analysis.

Harvest View, York County, Pennsylvania - Perform stormwater infiltration feasibility evaluation for proposed residential subdivision, including infiltrometer testing, hydraulic testing of aquifer materials, and groundwater mounding analysis. Coordinate with civil engineer to obtain PADEP approval.



**GEO-TECHNOLOGY
ASSOCIATES, INC.**

Wastewater Disposal Site Evaluation, Willow Creek - Community System, Kent County, Delaware - Perform soil evaluation and hydrogeologic evaluation including detailed soil profile examination, well installation, aquifer testing and groundwater mounding analysis using MODFLOW; obtain DNREC PGIA approval.

Wah Property, On-Site Wastewater and Groundwater Supply Services, Howard County, Maryland - Soil evaluation, hydrogeologic evaluation for large on-site wastewater disposal system including well installation, monitoring, groundwater mounding analysis using MODFLOW, and nitrogen balance evaluation. Groundwater supply drilling, testing, and permitting services. Obtained groundwater discharge permit.

Holland Point Farm, Dorchester County, Maryland - Wastewater disposal evaluation for shared wastewater disposal systems, including soil exploration and hydraulic testing.

Groundwater Mounding Analysis and Wastewater Disposal Evaluation, First Baptist Church of Frederick, Frederick County, Maryland - Soil profile evaluation and percolation testing, hydraulic testing, mounding analysis for large on-site disposal system. MDE acknowledged feasibility.

Groundwater Discharge Permit for Shared Wastewater Disposal System, Shapiro Property, Howard County, Maryland - Soil testing and evaluation, well installation, monitoring, groundwater mounding analysis using MODFLOW, nitrogen balance evaluation, obtained discharge permit.

Groundwater Mounding Analysis in Support of Groundwater Discharge Permit for wastewater from 250 residential units, Forest Farm Subdivision, St. Mary's County, Maryland.

Groundwater Mounding Analysis, Percolation Testing and Subsurface Exploration, Mountain Branch Golf Course, Harford County, Maryland - Performed groundwater mounding analysis, percolation testing and subsurface exploration for proposed large septic system.

Wastewater Disposal Feasibility Analysis, Groundwater Discharge Permit Application, Forrest Farm, St. Mary's County, Maryland - Performed a groundwater mounding analysis using MODFLOW.

Subsurface Exploration and Percolation Testing, Groundwater Mounding Analysis, Carroll Community Church, Baltimore County, Maryland

Groundwater Mounding Analysis for Wastewater Disposal System, Calvert Manor Healthcare Center, Cecil County, Maryland

Reisterstown Regional Park and Comfort Station, Baltimore County, Maryland - Performed subsurface exploration and percolation testing for the 80-acre Baltimore County park site.

Subsurface Exploration and Percolation Testing, Sand Mound Systems, Ruppert Farm, Baltimore County, Maryland

Subsurface Exploration and Percolation Testing, Sand Mound Systems, Dyer Property, Baltimore County, Maryland

Subsurface Exploration and Percolation Testing, Sand Mound Systems, Tipton Property, Montgomery County, Maryland

Subsurface Exploration and Percolation Testing, Sand Mound Systems, Cannon Property, Chester County, Pennsylvania

Subsurface Exploration and Percolation Testing, Sand Mound Systems, Cattail Creek, Howard County, Maryland

Subsurface Exploration and Percolation Testing, Thomas Run Station, Harford County, Maryland

Subsurface Exploration and Percolation Testing, Saddle View, Harford County, Maryland

Subsurface Exploration and Percolation Testing, Shapiro Property, Howard County, Maryland