

SCOTT STEHLIK, C.P.G.

President/Hydrogeologist

EXPERIENCE SUMMARY

Mr. Stehlik has extensive professional experience in all phases of environmental site assessments, including Phase I (due diligence), Phase II (soil/groundwater/asbestos/lead sampling and analysis), and Phase III (remediation); environmental geology and hydrogeology including soil, surface water, and groundwater investigations; groundwater flow and contaminant plume modeling; underground storage tank investigations; soil and groundwater remediation; asbestos and lead surveys; and state and federal Superfund site remedial investigations.

EDUCATION

M.S.	Hydrogeology SUNY Stony Brook	1996
B.S.	Geology/Environmental SUNY Cortland	1985

CERIFICATIONS/AFFILIATIONS

OSHA - Approved 40-hour Health and Safety Training
Course for Hazardous Waste Operations

N.Y.S. Dept. of Health-Certified Asbestos Inspector and
Management Planner

Red Cross First Aid/CPR Certification

American Institute of Professional Geologists-Certified Professional Geologist CPG-9740

USEPA-Sponsored Lead Training Center-Lead Inspector and Risk Assessor

Environmental Assessment Association-Certified Environmental Specialist

ASSOCIATIONS

National Groundwater Association

Long Island Professional Geologists

American Institute of Professional Geologists

Environmental Assessment Association

Commercial Industrial Brokers Society

The Retail Network

EMPLOYMENT HISTORY

2007-Present	South Bay Environmental, President
2002-2007	Southfork Environmental Services Corp., Senior Hydrogeologist
1997-2002	Eastern Environmental Services, President
1990-1997	Fanning, Phillips and Molnar, Hydrogeologist
1986-1987	Henderson and Bodwell Consulting Engineers, Environmental Geologist

KEY PROJECTS

Phase I and Phase II Investigations

Phase I Environmental Site Assessments performed throughout the U.S. and Puerto Rico in accordance with ASTM standards on environmental site assessments for commercial real estate.

Performed hazardous, toxic, and radioactive waste (HTRW) investigations for the U.S. Army Corps of Engineers (ACOE) New York District. The study identified the existence of, or potential for, HTRW contamination in proposed ACOE project locations in Middlesex County, Bayonne, and Cliffwood Beach, NJ.

Conducted Environmental Due Diligence Audits for the Federal Aviation Administration at LaGuardia and Syracuse-Hancock International Airports, NY, Newark International and Teterboro Airports, NJ, Philadelphia International Airport, PA, Richmond International Airport, VA, BWI International Airport, MD, and at nine sites in southern MD and Northern VA. The audits address CERCLA liability and concerns for the health of any on-site workers. General environmental conditions are evaluated for the site and if environmental liability is determined the scope of the concern is defined and steps for mitigation of the concern are recommended.

Phase II Investigations including: soil vapor surveys; magnetometer and ground penetrating radar surveys; characterization of materials in drums and tanks; asbestos/lead/radon surveys; and soil/groundwater sampling and analysis.

Superfund

Remedial Investigation/Feasibility Studies for Superfund sites in Farmingdale, Lindenhurst, and New Cassel, NY

Prepared regulatory compliance and environmental status report for the Nassau County Attorney's Office regarding the New Cassel Industrial Area, NY Superfund site.

Successfully executed Delisting Petition for circuit board manufacturer in Bay Shore, NY. Historical and analytical information was compiled to petition the New York State Department of Environmental Conservation (NYSDEC) to delist the facility from the Inactive Hazardous Waste Site list.

Landfills

Conducted Hydrogeologic Investigation in accordance with (NYSDEC) Part 360 regulations (landfill closure) at landfills in Springs and Montauk, NY. Site work included groundwater and methane monitoring well installation, sampling, and data analysis.

Calculated U.S. Environmental Protection Agency (USEPA) Hazard Ranking System (HRS) Score for landfill in Springs, NY.

Hydrogeologic Investigations

Environmental site review and hydrogeologic investigation for metal parts manufacturer in Commack, NY. Soil, groundwater, and soil vapor samples were analyzed and slug and pump aquifer tests were performed. Based on the physical and chemical data, contaminant plume migration was predicted.

Performed hydraulic conductivity testing at a major tunnel project in New York City. Work included design, performance and analysis of slug tests, specific capacity tests and pumping tests. The data was used to model de-watering effects of tunnel construction and led to the design of a cutoff wall encompassing the project area.

Water table contour and contaminant isopleth mapping using Surfer software computer program.

Site Investigations

Performed soil vapor analyses using photoionization and flame ionization detectors for the screening of volatile organic compounds in shallow soils in NY, NJ, GA and CT.

Performed lead-in-soil investigation around one million-gallon water tank in Westchester County, N.Y.

Performed groundwater investigation for compliance with Health Department Order on Consent at St. James, NY car dealership.

Conducted deep soil boring for soil and groundwater contamination investigation at former textile manufacturer in NY. Performed headspace analysis of groundwater at discreet depths using flame ionization detector (OVA/GC).

Vadose Zone and Groundwater Investigation by headspace analysis for the NYC Transit Authority.

Participated in soil vapor, soil, and groundwater investigation and remediation at a construction site in Carle Place, NY. During shopping center construction a hazardous waste release to on-site soils was discovered from a previous occupant. The horizontal and vertical extent of the soil and groundwater contamination was delineated.

Underground Storage Tanks

Underground storage tank removal/closure at petroleum bulk storage facilities throughout N.Y.

Remediation

Participated in investigation of industrial waste underground storage tank for packaging company in Farmingdale, NY. Executed remediation of soils by installation of vapor extraction system under Level C Personal Protective Equipment conditions.

Supervised contractor performance of soil remediation consisting of excavation and disposal of approximately 5,000 tons of PCB, metal and petroleum contaminated soil in Carle Place, NY.

Soil remediation from on site leaching pools in accordance with county regulations throughout Suffolk and Nassau Counties, N.Y.

Conducted shallow soil and catch basin remediation at two Marinas located in Mattituck, N.Y.