

WILLIAM F. GIROLAMO, RG, REA
Senior Geologist

CAPABILITIES

Site Investigation & Remediation

Phase I & Phase II Investigations
Remediation Feasibility Studies
Remediation System Installation
Remediation System O&M
Site Closure

Environmental Compliance

Agency Permitting for Borings/Wells
Health and Safety Oversight
Remediation System Permitting/Compliance
Compliance Reporting to Agencies

EXPERIENCE SUMMARY

Mr. Girolamo has more than 20 years experience in environmental projects ranging from municipal planning to hazardous waste assessment and remediation. Mr. Girolamo has worked closely with civil engineers, architects, surveyors and developers in site planning and development, consulted to municipal officials and citizen's groups on environmental matters including city planning, growth analysis, habitat protection, flood protection and open space acquisition, performed regulatory compliance audits, hazardous waste site assessments, tank abandonment and soil remediation, including permitting with regulatory agencies.

EDUCATION

MS Geology, Boston College, 1985
BA, English, Tufts University, 1978

REGISTRATIONS

Registered Geologist, California No. 5723
Registered Environmental Assessor, California No. 01881

SELECT PROFESSIONAL EXPERIENCE

Key project responsibilities for Mr. Girolamo have included:

- Developed work plan to coordinate assessment , remediation, agency funding and regulatory compliance of large Brownfield urban redevelopment site for a municipality in Southern California.

- Logged hard rock geology during drilling of deep wells on large-scale chlorinated solvent contaminant migration study for major corporate client.
- Performed all aspects of field work and analysis of hydrogeological data for large petrochemical clients. Worked throughout California at major power plants supervising drilling, well installation, groundwater monitoring and interpretation of hydrogeology and contaminant characteristics. Was field manager for environmental work at a Power Plant in Chula Vista CA. Was the project director for major petroleum clients in Los Angeles, ranging from site audits and assessments to site remediation. Arranged the Field Services Department while employed by Fluor Daniel GTI and coordinated field services regionally. Was also responsible for training field technicians, project managers and entry-level scientists, including writing the Corporate Field Services Marketing Plan and the Field Services Business Manual and developed and taught Project Management training.
- On assignment in Australia, managed an industrial project where a plume containing chlorinated hydrocarbons had migrated offsite through fractured bedrock into a residential area and wetlands. Achievements on project included preparation of a complete site history of operations to help define contaminant sources, identification of a subsurface structural lineament which is a major feature in controlling groundwater flow, assessment and modeling of groundwater flow and contaminant migration beneath the site, development of a conceptual groundwater containment system, implementation of a residential well sampling program, assessment of hydrogeology and delineation of contaminant plume beneath residential area and wetland, developed successful working relationship with client's in-house consulting group.
- Directed assessment and remediation projects for several major petroleum clients throughout Victoria and Tasmania while working for Groundwater Technology Australia including:
 - Directing a complete site history of operations at the largest through-put petroleum terminal in the southern hemisphere and used that information to prepare an assessment and groundwater monitoring program to comply with license renewal conditions required by Victoria EPA.
 - Performing initial site assessment and plume definition prompted by product inventory losses at one of the largest and busiest retail petroleum service stations in Melbourne.
- Marketed and won a high volume groundwater sampling and monitoring contracts involving quarterly sampling of 2,000 wells in California and Arizona for a major petroleum company. Oversaw all aspects of project and implemented ongoing training of 6 field staff in QA/QC, health & safety and field techniques.

- Participated in major investigative projects involving oilfield sump analyses - sumps were located and assessed. Soils in these surface impoundments were analyzed for hydrocarbon and heavy metal concentrations. Subsequently, the contaminated soils were excavated and remediated or disposed of at appropriate landfills.
- Remediated 900 ft of soil beneath an aboveground wet gas pipeline and remediated groundwater to closure and assessed seepage in a hillside near a gasification plant on a petroleum production facility in California.
- Wrote landfill regulatory documents to the satisfaction of the Department of Health Services and the Regional Water Quality Control Board; these documents included the investigation of regional and site-specific geology, with design parameters presented to protect local soils, groundwater and air quality. Supervised remedial projects which involved hazardous chemicals requiring Level C and B protective gear.
- Rewrote FDGTT's technical Standard Operating Procedures to American Society for Testing and Materials specifications. Wrote and taught a four-day Project Management training course to all FDGTT project managers in Australia.

PROFESSIONAL HISTORY

Winefield and Associates, Inc., Long Beach, CA, Senior Geologist, 2000 - Present

NMWW, Inc., Venice, CA, Principal Geologist, 1996 - Present

Groundwater Technology/Fluor Daniel GTI, Ventura & Torrance, CA, and Melbourne, Australia, Project Manager/Project Director/Operations Manager, 1989 - 1996

Aman Environmental, West Covina, California, Project Geologist, 1988 - 1989

M. B. Gilbert, Inc, Signal Hill, California, Project Geologist, 1987 - 1988

Allen, Dimurjian, Major & Nitsch, Boston, MA, Surveyor, Wetland Specialist, 1985-1987.

State of Massachusetts Peat Evaluation Program, Boston MA, Field Geologist, 1981 – 1983.