

Cecilia C. Fontana, PG

Senior Hydrogeologist and Project Manager

Cecilia Fontana, P.G. is a licensed Professional Geologist with nearly 30 years of professional experience in the environmental field. Mrs. Fontana specializes in hydrogeologic studies and bedrock geology; soil and groundwater assessment, investigation and remediation; remediation system operation and monitoring; and underground storage tank (UST) closures, investigation, and remediation. In addition, Mrs. Fontana assists in client and account management and develops project strategies. During her career, she has performed activities at numerous complex hazardous waste and contaminated sites to address regulatory requirements under the New Jersey Technical Requirements for Site Remediation (NJAC 7:26E), Industrial Site Recovery Act, New Jersey Pollution Discharge Elimination System Permitting Program and the Resource Conservation and Recovery Act (RCRA). Mrs. Fontana has extensive experience with sites contaminated with polychlorinated biphenyls (PCBs) and sites impacted by regulated UST discharges.

SELECTED PROJECTS

Former Whitney Rand Site, Paterson, New Jersey – Mrs. Fontana is the Technical Advisor supervising the site-wide hydrogeologic investigation. Currently, a site-wide strategy is being conducted to address the shallow and deep groundwater contamination of chlorinated VOCs at the former manufacturing site. These tasks involve overseeing all hydrogeologic investigations including obtaining geophysical data within the bedrock zone and developing both shallow and deep aquifer zone conceptual models for eventual remediation within a complex bedrock framework.

Former Chemical Manufacturing Site, Hackensack, New Jersey – Mrs. Fontana was the Project Manager overseeing the site-wide soil investigation and remediation program. These tasks involved excavating soils impacted from a wide range of source areas throughout the site with the goal of removing the contaminant source and expediting the ground water remediation efforts.

Former Envelope Manufacturing Facility, Union, New Jersey – Mrs. Fontana was responsible for assessing the status of over 120 areas of concern (AOCs) based on historical information spanning over more than a decade of environmental investigations that were summarized by various environmental consultants & regulators in numerous reports, workplans and correspondences. To complete a site-wide soil RA, each AOC was thoroughly assessed based on current technical guidance and NJDEP regulations.

Education

B.S./Geology
University of New Mexico,
Albuquerque, New Mexico

Graduate Studies,
GeoEnvironmental Engineering
New Jersey Institute of Technology
in conjunction with Rutgers
University, Newark, New Jersey

Professional/Business Training

Groundwater in Fractured Bedrock
Course – Rutgers University

The 40-Hour Training Course in
Hazardous Waste Operations and
Emergency Response
(HAZWOPER Certificate), required
by OSHA 29 CFR 1910.120

The 8-Hour Training Course in
Hazardous Waste Operations:
Supervisor in accordance with
OSHA 29 CFR 1910.120(e)(8).

Licenses/Certifications

Certified Professional Geologist,
Pennsylvania,
Licensed No. PG-003143-G

Teaching Experience

Regulatory Training in Subsurface
Investigations at Underground
Storage Tank Sites – Rutgers
University Continuing Education
Department

Professional Affiliations

American Institute of Professional
Geologists (AIPG)

Hatco Chemical Corporation (Chemtura Corporation), Fords, New Jersey - Mrs. Fontana supervised extensive soil and ground water investigations at Hatco Chemical Corporation for over 10 years. This site is located on a 75 acre parcel of land in Fords, New Jersey and consists of a chemical plant that processes synthetic lubricants for aviation, refrigeration, industrial, and automotive applications. Much of the investigations were conducted under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA") as amended, 42 U.S.C. § 9601 *et seq.*,

The soil and ground water investigations included installing a broad network of monitoring and recovery wells, assessing site wide distribution of soil contamination, NJPDES sampling, assessing sludge lagoons, extensive site-wide PCB contamination and LNAPL in ground water. The extensive remedial investigation results were presented as part of significant litigation with the previous owner W.R. Grace.

Con-Lux Coatings (Sherwin Williams), Metuchen, New Jersey – Mrs. Fontana oversaw the initial UST investigation and a subsequent site-wide hydrogeologic investigation that included monitoring well installations and developing a conceptual site model (CSM) that was used to design a remedial strategy to address the subsurface contamination from past spills of paint and various coating products.

Real Estate Properties, Various Locations, New Jersey – After triggering the Industrial Site Recovery Act (ISRA) at several locations throughout the state of New Jersey, Mrs. Fontana assisted in the preparation of the required Preliminary Assessment identifying areas of concern (AOCs) at each property. Mrs. Fontana oversaw the individual assessment and investigation of these AOCs in accordance with NJDEP regulations. Site investigation activities identified soil and ground water impact from various sources (past and present) including surface discharges, drainage systems and underground storage tanks. Mrs. Fontana also oversaw the remedial activities including UST removal, extensive soil excavation and widespread ground water monitoring network. Each investigation and subsequent remediation was completed in a timely fashion so as to facilitate the property transfer expeditiously.

Pharmaceutical Facilities, Various Locations, New Jersey - Mrs. Fontana has overseen the investigation and remediation of laboratory facilities that included the removal and remediation of USTs, soil investigation and remediation at various sites in the State of New Jersey. As Project Manager, Mrs. Fontana facilitated the remediation of these sites that included adhering to the NJDEP ISRA requirements as well as the Spill Act.

EMPLOYMENT HISTORY

2012 – Date	Senior Hydrogeologist and Project Manager Verina Consulting Group, LLC, Bridgewater, New Jersey
2006 – 2010	Technical Advisor AquaTek Environmental Consulting, Inc., Livingston, New Jersey
2004 – 2006	Technical Advisor AquaSol Environmental Consulting Services, Inc., Livingston, New Jersey
1989 – 2002	Project Manager TRC, Inc., New Providence, New Jersey (formerly Dan Raviv Associates, Inc., Millburn, New Jersey)