



# PROFESSIONAL PROFILE



## Michael Roux, PG

### Director | Principal Hydrogeologist

#### EXPERIENCE SUMMARY

Nearly thirty years of experience: Director; Principal, Senior, and Project Hydrogeologist with Roux; Geologist with CHA, Syracuse, New York.

#### TECHNICAL SPECIALTIES

Mr. Roux provides environmental consulting services, strategic planning, and regulatory agency negotiation to a diverse group of industrial, commercial, and legal clients with a focus on brownfield redevelopment support to the real estate industry. As a Principal Hydrogeologist and Director of Roux, his experience includes performance and oversight of site assessment, remediation, and property transfer support.

#### REPRESENTATIVE PROJECTS

- **Principal-in-Charge, Remedial Investigation and Redevelopment Support, Fortune 500 Company Facility, Staten Island, New York.** Approximately 500,000 cubic yards of lead hazardous material were identified on-site resulting from operations as a metals recycling facility. Roux negotiated a \$15MM site remedy that included approximately \$2MM in savings by eliminating remedial performance sampling and off-site disposal for specific impacted material. A key aspect of the project includes coordination of remediation activities with redevelopment activities.
- **Principal-in-Charge, \$1MM Investigation/Remediation, Dry Cleaning Facility Under New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), Staten Island, New York.** Refinancing of a retail shopping center identified contamination resulting from a former tenant. Roux conducted a pre-BCP application investigation that was used to establish a remedial cost escrow with the lender and support the Site's acceptance into the BCP. Additional work included all phases of the NYSDEC BCP process including BCP application, on-site and off-site remedial investigations, remedial action work plan (RAWP) and contractor bid design package, remediation oversight, final engineering report, and performance monitoring following receipt of certificate of completion (COC). The selected remedial action for groundwater included an enhanced reductive dechlorination of solvents using molasses. This project included the assessment and monitoring of sensitive off-site receptors including a school. Work was conducted in a manner to allow site refinancing to occur prior to remedial completion.
- **Principal-in-Charge, Water and Indoor Air Testing Oversight, Private School, Long Island, New York.** Coordination of reporting data to appropriate parties.
- **Principal-in-Charge, Assessment and Remedial Design, Ground-up Mixed-use Development, Flushing, Queens, New York.** Transformation of the Site from a single-story mixed-use facility to a multi-story retail and office facility required coordination with New York City Office of Environmental Remediation (NYC OER) and project members in support of Board of Standards and Appeals (BSA) application for zoning variance.
- **Owner's Representative, \$25MM Redevelopment Project, New York, New York.** Responsibilities included oversight of project strategy with the principal owner; reporting to NYSDEC, New York State Department of Health (NYSDOH), NYC OER, as well as local politicians and public groups; and summarizing remedial alternatives and costs to partners and lending institutions. Provided technical review of all work conducted by multiple consultants for PCB-contaminated phthalate oil and solvent plumes located both on-site and off-site.

#### CONTACT INFORMATION

Main: (631) 232-2600

Direct: (631) 630-2425

Email: [mroux@rouxinc.com](mailto:mroux@rouxinc.com)

Website: [www.rouxinc.com](http://www.rouxinc.com)

209 Shafter Street  
Islandia, NY 11749

#### EDUCATION

BS, Geology, Binghamton  
University, 1993

#### PROFESSIONAL LICENSES

Licensed Professional Geologist  
in New York



The project included multiple legal programs including Resource Conservation and Recovery Act (RCRA), NYSDEC Superfund, NYSDEC Spills, NYC OER E-designation, and NYCOER Voluntary Cleanup Program (VCP).

- **Principal-in-Charge, Assessment and Remedial Design Oversight for Ground-up Redevelopment and Interior Renovation Sites Under the NYC OER’s “E” and VCPs, New York, New York.** Site contaminants include historic fill, petroleum, solvents, and heavy metals.
- **Principal-in-Charge, American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessments and Initial Property Assessments, Suffolk, Nassau, and New York City Region.** Subsequent strategy and cost estimation for site acquisition.
- **Principal-in-Charge, On-site and Off-site Assessment at Multiple Dry Cleaning and Gasoline Station Facilities, Long**

**Island and New York, New York.** Site assessment frequently includes strategy around off-site soil vapor intrusion assessment; off-site assessment by third parties; coordination with regulatory agencies for change of use to residential or day-care, support of existing tenants, and coordination with planned redevelopment to achieve project closure.

- **Principal-in-Charge, Specialty Rubber Manufacturing Facility, NYSDEC Region 3.** Work by Roux was conducted following a decade of site remediation with no strategy for closure that conflicted with sale of the property and operations.
- **Technical Support, Former 120-acre Colorants Production Facility Assessment, Rensselaer, New York.** Work was performed under both a Voluntary Cleanup Agreement and Administrative Order with NYSDEC and NYSDOH. Primary constituents of concern include heavy metals, chlorinated solvents, and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) compounds.