

# Colin R. Marx

## Environmental Scientist

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Colin R. Marx is an Environmental Scientist with experience in soil and water sampling, air monitoring, and Geographic Information System (GIS) technology. In addition, he has experience with in-situ remediation, remedial construction oversight, preparation of technical reports, and the creation of digital field forms. His prior experiences focused on New Jersey land cover, streams, and watersheds. Mr. Marx participates in activities of:

- Execution of site and remedial investigations as governed by the NJDEP's LSRP and UST programs, including active field work, data collection, analysis, and the preparation of technical reports
- Site assessment and remedial investigations as governed by the New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), and New York City Office of Environmental Remediation (NYC OER) programs
- In-situ chemical oxidation systems, soil vapor extraction systems, and vapor intrusion mitigation systems, and oversight of installation
- Site air quality data collection (VOCs and particulates), onsite documentation, and stockpile tracking
- Monitoring well water monitoring/sampling, soil sampling
- Validation, verification, and reduction of laboratory data packages, and electronic data deliverable preparation
- Coordination with project managers, site supervisors, peers, clients, and subcontractors

### Education

B.S./Environmental Science  
Minor in Ecology  
Certificate in Environmental  
Geomatics  
SEBS, Rutgers University  
New Brunswick, New Jersey, May  
2020

### Professional/Business Training

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

The 8-Hour Refresher Training  
Hazardous Waste Operations and  
Emergency Response (HAZWOPER  
Certificate), required by OSHA 29  
CFR 1910.120

The 30-Hour Training Course in  
Construction Safety (Proctored),  
required by OSHA 29 CFR 1910.120  
and NYC's Local Law 196

USACE Construction Quality  
Management for Contractors Training

Level I Antiterrorism Awareness  
Training

CPR/AED/First Aid Training

### Professional Affiliations

Alpha Zeta, School of Environmental  
and Biological Sciences Honors  
Fraternity

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## SELECTED PROJECTS

**Underground Storage Tank (UST) Sites, Various Locations, New Jersey** – Participates in the remedial investigation/activities for several underground storage tank (UST) sites, with the majority impacted by petroleum hydrocarbons and/or chlorinated VOCs. Responsibilities include soil excavations, soil borings, and well installations; aquifer tests and analysis of groundwater flow network; air, soil, and groundwater sampling; laboratory data validation, verification, and reduction; data analysis, modeling, and interpretation; management, operation, and maintenance of soil and groundwater remediation systems; report preparation and data submittals, and health and safety planning and monitoring.

**Former Specialty Chemical Manufacturing Site, Hackensack, New Jersey** – Participates in site monitoring, sampling, and remediation activities at a former speciality chemical manufacturing facility, heavily contaminated with various chlorinated organic compounds. Participates in the full-scale, multi-year implementation of an in-situ chemical oxidation (ISCO) remediation on site. Responsibilities included tracking of ISCO progress; the application of remediation chemicals; response monitoring; soil and groundwater monitoring and sampling; health and safety planning and monitoring; data tabulation and analysis; report preparation; cap monitoring, sub-slab depressurization system (ASD) checks; health and safety planning and monitoring; laboratory data validation, verification, and reduction; data analysis and interpretation; report preparation and data submittals.

**Former Electronics Manufacturing Sites, Binghamton and Kirkwood, New York** – Participates in field activities including groundwater monitoring and sampling; ISCO system operation, maintenance, and monitoring; inspection of deed notice areas; inspection of the ASD systems. Assists in project management; field activity planning and coordination; coordination of field materials, supplies and chemicals; laboratory data validation, verification, and reduction; data analysis and interpretation; and progress report preparation for both sites.

**Active Oil Storage and Oil-Water Separator Tank Services, New Jersey** – Participates in custodial services for heating oil and oil-water separator tanks. Heating oil tanks are monitored for oil usage/needs and for any issues in the immediate surroundings. Tank refills are coordinated with subcontractors for oil delivery. Oil-water separator tanks are monitored and emptied, requiring the escort of the contractor vehicle to and from the tanks to be serviced.

**Remedial Construction Oversight, New York, New York City** – Participates in oversight activities including air monitoring with Community Action Monitoring Plan (CAMP) stations and roving equipment, soil tracking and export/import documentation (manifests and bills of lading), and general documentation of site activities. Oversight of vapor barrier installation and management of contaminated soil stockpiles. Preparation of daily reports and field notes on present and future onsite activities. Coordination with the project manager, site superintendent, and site workers on activities to fulfill remedial obligations.

## EMPLOYMENT HISTORY

2022 – Date      Environmental Scientist  
Verina Consulting Group, LLC, Bridgewater, New Jersey