

Michael Valenzi

Environmental Scientist

Michael Valenzi is an Environmental Scientist with experience in multi-media environmental sampling, community air monitoring and construction oversight, laboratory data management and analysis, and the implementation of environmental remediation strategies, such as in-situ chemical oxidation. Mr. Valenzi participates in activities of:

- Collection of soil, sediment, surface water, groundwater, and air/vapor samples.
- Remediation system operation and maintenance activities and remediation performance monitoring and evaluations, including in-situ chemical oxidation systems.
- Execution of remedial investigations as governed by the NJDEP's LSRP and UST programs including active field work, data analysis, and data management.
- Soil boring, monitoring well and temporary monitoring well installation oversight and sampling including low flow and volume averaged sampling methods.
- Construction oversight, tracking, compliance air monitoring and daily coordination with multiple site contractors and project managers.
- Coordination with project managers, site supervisors, peers, clients, and subcontractors in the execution of project objectives.
- Preparation of project plans and reports, such as Work Plans, Health and Safety Plans, and project completion reports in accordance with state and regulatory agencies, as applicable.

Education

B.S./ Environmental Science
Minor in Environmental Policy,
Institutions, and Behaviour
Rutgers University, School of
Environmental and Biological
Sciences,
New Brunswick, New Jersey
May 2022

Professional/Business Training

40-Hour Training Course in
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

SELECTED PROJECTS.

U.S. Coast Guard West Chop Lighthouse, Tisbury, Massachusetts – Participated in the delineation and remediation of soil suspected to contain lead due to the historic use of lead-based paint. Activities performed included gridding of proposed sample locations, hand auguring soils for assessment using an X-ray fluorescence (XRF) machine; collection and tracking of numerous soils samples for laboratory analysis; and daily report preparation to the client.

Former Defense Supply Center Site, South Philadelphia, Pennsylvania – Participated in site-wide groundwater sampling utilizing the low flow sampling method at nearly 200 monitoring wells for the purpose of the delineation and remediation of groundwater suspected to contain petroleum-based light, non-aqueous phase liquid (LNAPL) due to historic site use. Activities performed include groundwater gauging, low flow groundwater sampling, the collection and tracking of numerous samples for laboratory analysis, and coordination with multiple site subcontracts and tenants.

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Remedial Construction Oversight, New York, New York City – Participated in oversight activities at multiple construction sites throughout New York City. Responsibilities include: work zone and ambient air monitoring in accordance with Community Air Monitoring Plans (CAMPs); oversight of vapor barrier installation; management and tracking of contaminated soil stockpiles, imports and exports; general site construction progress tracking; coordination with multiple on-site contractors and project managers; and the preparation of daily progress reports.

Former Electronics Manufacturing Sites, Binghamton and Kirkwood, New York – Participated in remedial activities at two sister sites with demonstrated chlorinated volatile organic compound (VOC) impacts. Responsibilities include: the performance of in-situ chemical oxidation (ISCO) injections along with ISCO system operation, maintenance, and monitoring; periodic groundwater sampling using the low flow sampling method; site engineering control inspection and maintenance; indoor air sampling; field activity planning and coordination; coordination with site tenants; provision of field materials, supplies and ISCO chemicals; data tabulation and analysis; and progress report preparation for both sites.

Underground Storage Tank (UST) Sites, Various Locations, New Jersey – Participated in the remedial investigation and remediation activities for a number of underground storage tank (UST) sites, with the majority of the UST sites being impacted by petroleum hydrocarbons and/or chlorinated VOCs. Responsibilities include: oversight of UST closures and removals; soil excavations, soil borings and well installations; aquifer tests and analysis of groundwater flow network; air, soil, and groundwater sampling; contamination delineation; well search and receptor evaluations; laboratory data validation, verification and reduction; data analysis, modeling and interpretation; management, operation and maintenance of soil and groundwater remediation systems; coordination and scheduling of site personnel, tenants, and subcontractors; and, report preparation and data submittals.

Former Specialty Chemical Manufacturing Site, Hackensack, New Jersey – Participated in multiple phases of site investigation and active remediation at a former specialty chemical manufacturing facility shown to be heavily contaminated with various chlorinated organic compounds, including free-phase dense non-aqueous phase liquid (DNAPL). Responsibilities include: DNAPL recovery and disposal management, soil, groundwater and air monitoring and sampling; routine inspection and maintenance of site engineering controls; health and safety planning and monitoring, and data tabulation and analysis.

EMPLOYMENT HISTORY

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