

Manuela Castano

Environmental Scientist

Manuela Castano is an Environmental Scientist with experience in field activities, including overseeing installation of soil borings, flow purging for groundwater, air sampling and analysis of data. Ms. Castano participates in activities of:

- Execution of all phases of site and remedial investigations as governed by the NJDEP's LSRP and UST programs including active field work, data analysis, and the preparation of technical reports and forms;
- Site evaluation and assessment to evaluate potential soil and groundwater impacts from hazardous wastes and toxic constituents;
- Remediation system operation and maintenance activities and remediation performance monitoring and evaluations.

Education

B.S./ Earth & Environmental Science
Montclair State University
Montclair, New Jersey
May 2020

Professional/Business Training

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

Safety Training/Certifications

OSHA HAZWOPER 40-Hour/8-Hour -
OSHA 29 CFR 1910.120

CPR/AED/First Aid Training

SELECTED PROJECTS

Former Specialty Chemical Manufacturing Site, Hackensack, New Jersey – Participated in site investigation activities and active remediation at a former speciality chemical manufacturing facility shown to be heavily contaminated with various chlorinated organic compounds. Responsibilities included monitoring and remediation wells, monitoring of the indoor air quality. Sampling and mitigation system monitoring. Laboratory data validation, verification and reduction; data analysis and interpretation.

Former Electronics Manufacturing Sites, Binghamton and Kirkwood, New York – Participates in field activities including groundwater monitoring and sampling, oversight of the installation of soil borings, maintenance and monitoring; inspection of the active sub-slab depressurization (ASD) systems. Assisted in field activity planning, laboratory data validation, verification and reduction; data analysis and interpretation; and, progress report preparation.

Former Gasoline Station, Teaneck, New Jersey - Participated in a variety of field activities including soil boring and monitoring well installation as well as sampling installation sampling and overseeing well installation. Assisted in field activity planning, laboratory data validation, verification and reduction; data analysis and interpretation; and, progress report preparation.

EMPLOYMENT HISTORY

- 2022 – Date Environmental Scientist
Verina Consulting Group, LLC, Bridgewater, New Jersey
- 2019-2021 Lab Technician, Accounts Receivable.
Agra Environmental, Dover, New Jersey