



Practice Leader
pcuadra@augustmack.com

Ms. Cuadra has over twelve years of experience in environmental consulting. She is a licensed professional geologist and her professional and technical expertise include geophysical, geological and hydrogeological investigations; soil and groundwater sampling and data evaluation; remedial evaluation selection, design, and construction. She has performed a wide range of project management related work on hazardous and non-hazardous sites including commercial gas stations, dry cleaning facilities, machine shops, former wood treatment facilities and former manufactured gas plants, under the State of Indiana's Voluntary Remediation Program, the State Cleanup Program, the UST program, the Excess Liability Trust Fund, the IDEM Risk Integrated System of Closures and the IDEM Remediation Closure Guide.

Project Experience:

- Responsible for the planning and completion of soil and groundwater sampling activities as part of site characterization and remediation activities throughout Indiana.
- Project Manager responsible for performing the soil and groundwater investigations and long-term monitoring of an approximate 1,500-foot long TCE plume, present in shallow and deep aquifer, from a former foundry located adjacent to a residential neighborhood.
- Project Manager responsible for planning and executing vapor intrusion sampling in a residential neighborhood of a chlorinated solvent plume in northern Indiana.
- Project Manager for investigation and remediation activities, and long-term monitoring for multiple petroleum-contaminated properties through Indiana.
- Managed MGP sites under the Voluntary Remediation Program for a utility company in central Indiana.
- Performed and supported due diligence and Brownfield efforts for property transactions throughout the U.S.

Education & Certifications:

- M.S., Indiana University-Purdue University, Geology
- B.S., Universidad Simon Bolivar, Geophysical Engineering
- 40-Hour Hazardous Waste Site Operations (HAZWOPER) Training, OSHA and current 8-hour refresher
- Licensed Professional Geologist- IN

Expertise:

- Vapor Intrusion (VI) Coordination, Evaluation and Mitigation
- Geophysical, Geological and Hydrogeological Investigations
- Soil and Groundwater Sampling
- Soil and Groundwater Remediation Systems
- Regulatory Coordination

Professional Experience:

August Mack Environmental, Inc.

Practice Leader
2019-Present

Project Manager
2017-2019

Mundell & Associates, Inc.

Project Environmental Scientist
2014-2017

Staff Environmental Scientist
2010-2014

Department of Geology, Indiana University-Purdue University Indianapolis (IUPUI)

Research Assistant
2008-2009

TRX Consulting, C.A. (Caracas, Venezuela)

Geophysical Assistant
2006-2007