



**SPECIALTY EARTH SCIENCES, LLC**  
Las Vegas, Nevada

**Marcela Ruiz**  
**Project Manager**

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## EDUCATION

Studied Environmental Science  
College of Southern Nevada – Las Vegas  
2012 - 2014

## CERTIFICATION and TRAINING

- OSHA 40-Hour Hazardous Waste Operations Training
- OSHA 8-Hour HAZWOPER Refresher Training
- GHS and OSHA Hazardous Communications
- ASTM Technical & Profession Training on Environmental Site Assessments for Commercial Real Estate
- Geosearch Webinar – *ASTM Update to the Property Condition Assessment*
- Geosearch Webinar – *Are you meeting ASTM 1527-13 database requirements?*
- Geosearch Webinar – *What are banks looking for in the Environmental Due Diligence Process?*
- ERIS – *Final ASTM E1527-21 Update*
- Vapor Intrusion Workshop – *Updates on Technologies & Practices – 4 PDH*

## AREAS OF EXPERIENCE

- Specialty Earth Sciences – Project Manager:  
January 2015 – Current
- College of Southern Nevada:  
Vice President of the Environmental Sciences Club  
January 2014 – December 2014
- Environmental Volunteer:  
October 2013 – Current

Ms. Ruiz is a Project Coordinator at Specialty Earth Sciences, LLC with over 9 years of environmental experience. Ms. Ruiz is knowledgeable in groundwater and soil sampling, environmental reporting, data QA/QC, hazardous materials shipping and handling, waste disposal procedures, and remediation system operations and maintenance coordination.

As vice president of the Environmental Sciences Club, Ms. Ruiz gained experience in public relations, field project coordination, and event management with local nature preserves and wildlife refuges across the Las Vegas valley. These events included work such as cleanup efforts, removal of invasive plant species, replanting native species, and teaching environmental awareness to youth. She helped organize environmental lectures and events for students with the Clark County Wetlands Park, Sierra Club of Nevada, The Nature

Conservancy, Southern Nevada Water Authority, and Nevada Fish & Wildlife.

## ENVIRONMENTAL CONSULTING

### *Drilling Operations*

- Assist in the operation of direct-push drill rig for soil collection and well installation (permanent and temporary).
- Prepare well installation forms and soil boring logs.

### *Soil, Groundwater, & Wastewater Monitoring*

- Soil and groundwater sampling and monitoring under multiple state and federal agency oversight, adhering to project-based guidelines and agency requirements for proper sample collection and handling. Contaminant impacts include petroleum hydrocarbons, polychlorinated biphenyls, heavy metals, and chlorinated solvents.
- Maintain and operate wastewater samplers, recording field measurements, and sample collection in accordance with permit limits.
- Assist in the preparation of Groundwater Monitoring reports and conduct analytical data QA/QC.

### *Due Diligence*

- Assist in performing Phase I Environmental Site Assessments in Kentucky and Indiana.

## REMEDIAL PROJECT EXPERIENCE

### *Chemical*

- Team leader for Sustained Oxidation and Controlled Oxidant Release Encapsulant (SOCORE) product manufacturing and distribution. Tasks consist of coordination with project managers, production preparation, hazardous materials shipping and handling, product deployment training and assistance, and hazmat safety implementation.

### *Source Removal*

- Perform free product recovery activities and coordinate waste characterization, waste manifest, and waste disposal tasks.