

**NAME****CRAIG E. SMITH****TITLE****Staff Geologist, Glorieta Geoscience Inc.****EXPERIENCE  
SUMMARY**

12 Years experience encompassing the following areas:

- Domestic supply well design and drilling oversight
- Phase I and Phase II Environmental Site Assessments
- Site investigation/characterization
- Field supervision of drilling and installation of wells
- Soil and groundwater sampling
- Building demolition supervision including lead based paint and asbestos
- Aquifer test
- State of New Mexico Discharge Permit application and compliance

**SELECTED  
PROJECT  
EXPERIENCE**

**Dunks Garage, LUST facility investigation, Ubly, MI:** Drilling and sampling oversight including the installation of 19 monitoring wells. Conducted in depth site investigation to delineate the horizontal and vertical extent of gasoline contamination and free product. Work with local utility to conduct borings and sampling along the utility corridors to determine the pathway of free product migration.

**Spartan Cab, LUST facility investigation, Lansing, MI:** Conducted investigation and sampling efforts utilizing direct-push technologies within the MDOT Right-of-Way to assess the migration pathway of gasoline contaminants along the utility corridor. Worked with local utility company and MDOT during work to conduct lane closures for sampling and drilling in the Right-of-Way.

**Fulton Sunoco, LUST Facility investigation, Fulton, MI:** Conducted drilling and sampling utilizing Direct-push technologies as well as hollow stem auger drilling. Project consisted of free product monitoring, securing property access agreements for drilling and sampling purposes, delineation of deep and shallow groundwater contamination plumes as well as free product plume. Conducted short-term pump test to determine effectiveness of different remediation options.)

**Owosso Sugar Beet Company, Pre-demolition investigation, Owosso, MI:** Conducted an electromagnetic geophysical survey of a 3 acre sugar beet spoils area in order to locate any buried metallic objects such as 55-gal. drums or USTs. Conducted extensive subsurface investigation of soils and groundwater to determine if impacted soils might be encountered during the building demolition phase of the project.

**Springfield Elementary School, Demolition oversight, Springfield, MI:** Conducted oversight of asbestos abatement as well as complete demolition of all on-site structures and site restoration activities.

**Mesita Blanca Phase I, Jemez, NM:** Conducted a Phase I Environmental Site Assessment for an 800-acre parcel of undeveloped land to facilitate a property transaction between a private landowner and the Santa Fe District of the Forest Service.

**Wellborn Paint Phase I, Santa Fe, NM:** Conducted a Phase I Environmental Site Assessment of a former retail paint and paint supply store for a commercial property transaction.

**Las Sendas at El Camino Real Phase I, Los Lunas, NM:** Conducted a Phase I Environmental Site Assessment of a ten square mile property as part of a large residential development.

**Enchantment & County Line Dairies Monitoring Well Installation, Artesia, NM:** Conducted oversight and project management involved with the installation of 10 monitoring wells at both dairies.

**City of Rio Rancho Waste Water Treatment Plant Monitoring, Rio Rancho, NM:** Coordinate and conduct quarterly monitoring and preparation of quarterly monitoring reports.

**Cain Oil Chevron Remediation, Beaverton, OR:** Oversight of multi-trench air sparge/soil vapor extraction remediation system installation, reporting, and groundwater sampling.

**M.G. Warehouse, Portland, OR:** Conducted storm water sampling and subsequent reporting for a warehouse transloading operation located adjacent to the Columbia River Slough.

**Bulk Oil Facility, Willamina, OR:** Prepared Storm water Pollution Control and Countermeasure Plan for a local bulk oil facility.

## **EDUCATION**

**B.S. Hydrogeology/Biology with Chemistry Minor,** Western Michigan University, Kalamazoo, April 1999

## **JOB RELATED TRAINING**

OSHA 40 hour HAWOPR training and annual 8 hour refresher  
CPR and First Aid training  
Certified Comprehensive Nutrient Management Planner  
State of Oregon Licensed Heating Oil Tank Service Provider