

Tunnels and Wine Caves

“We Lay the Groundwork for Success”

Overview

Condor is a leader in the geotechnical/geological evaluation and geosstructural design of small to medium-sized tunnel projects, including over 300 wine cave projects in the Napa, Sonoma, Lake, Mendocino, Central Coast, Southern California, and Sierra-Central Valley regions. We also provide lead designer services on similar-sized water resources and transportation tunnel projects, and support services on larger-sized tunnel projects.

Condor is a diversified, multidisciplinary organization with the capability to provide a variety of earth and environmental science, engineering, mapping, GIS, and construction management and monitoring services to private and public sector clients. This experience includes evaluating geotechnical foundation, slope and tunneling conditions, tunnel liner and portal design, tunnel construction management and materials testing.

Project Services

- Project Feasibility Studies
- Site Subsurface Investigations
- Design Engineering
- Tunnels and Portals
- Construction Management
- Serving as the owner’s technical representative
- Technical review of contractor’s methods
- Field Engineering
- Design optimization based on field conditions
- Field observations of geologic conditions to determine the applicability of the design
- Quality Assurance
- Field inspection of tunneling and construction
- Stability monitoring during and after construction
- Materials Testing
- Rehabilitation of older facilities
- Failure Analysis and Repair Design



Representative Project Experience

- Oakdale Irrigation District
- The Napa Valley Reserve
- Inglenook Wine Company
- South San Joaquin Irrigation District
- Vineyard 29
- Castello di Amorosa
- City of San Francisco – Hetch Hetchy
- Ferrari-Carano Winery
- East Bay Regional Park District
- Arkenstone Underground Winery
- Knights Bridge Vineyards, LLC
- Schramsberg Caves Rehabilitation
- Mendocino Railway
- Truckee Meadows Water Authority
- Northern California Power Agency



Continued on side two ...



CONDOR EARTH

An Employee Owned Company

Sonora • Stockton • Merced • Rancho Cordova California • 800.800.0490

website: www.condorearth.com • e-mail: info@condorearth.com

CONDOR • Tunnels and Wine Caves

Continued from side one...

Condor Capabilities

Geotechnical Services

- Geotechnical Investigations
- Tunnel and Rehabilitation Design
- Retaining Wall Design
- Soil Nail and Tie-Back Design
- Geosynthetic Liner Design
- Slope Stabilization Design and Construction Engineering
- Geo-hazard Studies



Tunnel and Wine Cave Services

- Tunnel Design Engineering
- Wine Cave Construction Plans
- Portal Design
- Construction Management and Owner's Representative

Chemical Risk Management/ Industrial Compliance

- RMP, CalARP, and PSM Programs and Compliance Support
- Environmental Compliance Auditing
- SPCC Plans
- Industrial Storm Water Compliance Support and SWPPP Services

Water Reuse/Groundwater Supply

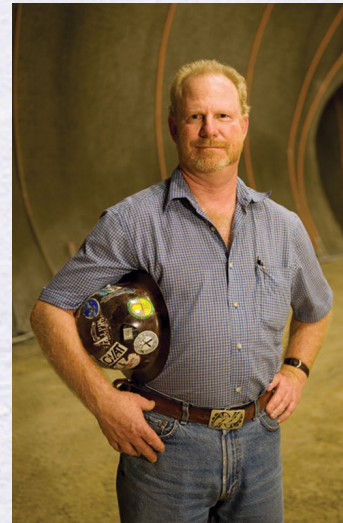
- Groundwater Availability and Quality Assessment
- Aquifer Recharge and Recovery
- Groundwater Monitoring Programs

WDR/NPDES Services

- Report of Waste Discharge (ROWD) for Waste Discharge Requirements (WDR)
- Groundwater Work Plans

Civil Engineering Services

- Impoundment Design/Drainage Plans
- Reclamation Plans
- Canal Assessment and Rehabilitation
- UAV (Drone) Mapping



Lead Principal Scott Lewis, CEG

slewis@condorearth.com

Scott Lewis has over 30 years of experience in geologic investigations, construction, and repairs of tunnels, structural foundations, landslides, slope stability, dam sites, and other geologic hazards.

Mr. Lewis specializes in tunnels and wine cave feasibility studies, design, construction management, and field engineering. Mr. Lewis has been involved in more than 350 tunnel and wine cave projects and joined Condor in 1989. You may contact Mr. Lewis at: slewis@condorearth.com or directly at (209) 536-7370.



CONDOR EARTH

An Employee Owned Company

Sonora • Stockton • Merced • Rancho Cordova California • 800.800.0490

website: www.condorearth.com • e-mail: info@condorearth.com