

During grading operations for the construction of a new winery facility, Bauer Associates' geotechnical engineer discovered hydrocarbon contamination in a foundation excavation. Environmental geology Services, Inc. was retained to work with the General Contractor (Pound Company, Oakland, CA) and the Napa County Department of Environmental Management to expedite site characterization and remediation so that construction activities could proceed with minimal delays. On short notice we developed a Work Plan, obtained regulatory approvals and permits, retained a Hazardous Materials Certified excavation contractor, and excavated the area of fuel contamination, collected verification soil samples, conducted expedited lab analysis, obtained regulatory approval to terminate excavation and backfill with clean import. Then, also on an expedited schedule, we completed exploratory borings and groundwater characterization, conducted a feasibility and cost evaluation for various contaminated soil disposal options, managed waste disposal, prepared a final report and obtained case closure, all within 4 weeks.

We staged and coordinated our field work so that winery construction activities were able to continue during the investigation, allowing the project development schedule to proceed with minimal disruption.