

## **Former V-1 Oil**

**813 North Federal Boulevard, Riverton, Wyoming**

### **Site Summary**

Remediation Status: Ongoing

Remediation Method: Contaminated soil excavation, Air Sparge/Soil Vapor Extraction (AS/SVE) system, and a sub slab vapor extraction system

Number of Underground Storage Tanks: 6 gasoline tanks

Current Land Use: Retail

### **Redevelopment Process**

The former V-1 Oil Company site is located along a major thoroughfare in Riverton, WY. Gasoline USTs, along with 600 tons of petroleum-contaminated soil, were removed in July 2011. Extensive groundwater contamination was present on site and in a downgradient residential area. During the remediation process, McDonalds purchased the property for the construction of a restaurant. WDEQ, WDEQ's engineering firm URS, V-1 Oil Company, and McDonalds worked together to coordinate demolition, remediation, and construction activities. An AS/SVE system was installed in fall 2011 following demolition of the V-1 building and prior to restaurant construction. McDonalds began construction in April 2012. A sub slab vapor extraction system, to prevent fumes from entering the restaurant, was installed in June 2012. Several soil gas monitoring wells have since been installed to monitor potential vapor intrusion into the restaurant and nearby residences. The AS/SVE system has been highly effective in remediating groundwater contamination on and off the property. Currently, only a small contaminant plume is present onsite with no off-site migration. There has been no soil vapor intrusion in the restaurant or nearby residences.



Figure 1 Trenching for AS/SVE system prior to restaurant construction. Remediation building is to the left behind the wooden fence.



Figure 2 Completed McDonalds restaurant. Remediation building in far left background.