

HALLUM SCOTTSDALE



Project Size:
+\$600,000
Project Service Dates:
1996 - 2006
Project Location:
Scottsdale, Arizona



Project Description:

- This turn-key design/build project required 1) leaking underground storage tank system site characterization; 2) design, installation and operation of a soil vapor extraction remedial system; 3) groundwater monitored natural attenuation.
- All site characterization and remedial system installation, operation, and maintenance activities required timely and efficient completion to ensure that gasoline station operations were not impacted.
- Project work tasks included:
 - review and interpretation of relevant Agency data;
 - delineation of public and private utility service lines;
 - soil boring and sampling to determine extent of soil contamination;
 - groundwater monitor well installation to determine extent of groundwater contamination;
 - design, fabrication, and installation of soil vapor extraction system;
 - design and construction of SVE equipment storage facility;
 - management and disposal of all investigative derived waste;
 - data analysis and routine service to ensure optimal SVE system operation;
 - data collection to demonstrate natural attenuation of groundwater contaminants ;
 - site access agreement negotiation with three neighboring businesses to allow soil boring, monitor well, extraction well and remedial system installation within those properties;
 - approximately 95,000 pounds of VOCs removed during SVE operations;
 - remedial infrastructure removal and decommissioning;
 - leaking UST site closure.

