

AHTNA

Groundwater Treatment System Construction Dinuba, CA

ARCADIS

Project Description

Ahtna was awarded a contract to assist with the design and construction of an expanded treatment system at a former bulk fuel facility. This site was formerly an operating gasoline/bulk fueling facility in the Central Valley, California, that consisted of four 20,000-gallon aboveground storage tanks (ASTs) and one 15,000-gallon AST. Operations resulted in incidental releases of petroleum products over the years and caused soil and groundwater contamination, primarily TPHg, TPHd, benzene, and methyl tertiary butyl ether. Groundwater contamination is present in the three major aquifer zones beneath the site. Previous remedial efforts at the site consisted of excavation of contaminated soil and operation of a vapor-enhanced pumping (VEP) system in the uppermost aquifer zone. The approach for enhancing the existing treatment system consisted of expansion of an addition to the existing VEP system, as well as *in situ* augmentation of the remediation.



Groundwater Treatment System, Dinuba, CA.
Ahtna provided system design; cleaning, removal, and disposal of the above ground tanks; and construction of the new system.



Groundwater Treatment System, Dinuba, CA.
Interior view.