

## EXECUTIVE SUMMARY

The focus of this Subsurface Investigation Report (SIR) is an underground storage tank (UST) site at Hill Air Force Base, Utah. The site under investigation has been designated as UST Site 204.1 by the EMR (IRP Site Code ST50). The site comprised two 12,000-gallon steel USTs used to store diesel fuel. The dates of usage and purpose of the USTs has never been determined. The two USTs were removed in October and November of 1987. At the time of removal, it was noted by the contractor, Asphalt Paving Corporation, that UST 204.1 was corroded and had several small holes on its top, while the other UST was in good condition. As part of the UST removal, ten post-excavation soil samples were collected from beneath the base of both USTs and analyzed. The soils were found to contain varying levels of hydrocarbon contamination. Once the UST excavation was sampled, clean bank run gravel was used to backfill the excavation. More recently, the site was investigated as part of an Abatement and Initial Site Characterization (AISCR) investigation and five soil borings were drilled in and around the area of the former USTs, one of the soil borings was completed as a monitoring well. Four of the five soil borings contained various amounts of hydrocarbon contaminated soils. The contamination extends to a maximum of 61 feet below ground surface (bgs) and is believed to extend 10 feet laterally in all directions. A ground-water sample from the monitoring well at the site was analyzed and contained no detectable hydrocarbon contaminants. The site has tentatively been selected as an Air Force bioventing study site which will require additional investigative drilling and installation of soil vapor probes and/or air injection/extraction wells. This additional work will provide for better documentation of the lateral extent of contamination.