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EXECUTIVE SUMMARY

In accordance with the state approved closure plan

The focus of this Abatement and Initial Site Characterization (AISC) report is an underground storage tank (UST) site at Hill Air Force Base (Hill AFB). The site under investigation has been designated as UST Site 1.1 by the Environmental Management Directorate (EMD) and by the Division of Environmental Response and Remediation (DERR) as UST Site EHAQ. The site contained a 1,000-gallon steel UST used to store diesel fuel for an emergency generator located in Building 1. The UST was removed from the site on March 19, 1992, at that time, no obvious soil staining was noted associated with the UST or the ancillary piping. As part of the closure plan, soil samples were collected from beneath the UST two feet below the backfill/native soil interface. One of the soil samples was found to contain hydrocarbon contamination. As part of the AISC, three locations were hand augered in the former UST area and four soil samples were collected. One of the soil samples was found to contain hydrocarbon contamination from an interval thought to be free of hydrocarbon contamination based on headspace results. As a result, additional sampling at the site is planned to determine the vertical extent of contamination along the eastern end of the UST. Based on the analytical information from the site, it appears that the contamination is confined to the area immediately beneath the UST, extending approximately four feet beneath the base of the UST at the western end of the UST. When the additional sampling is completed, the extent of the contamination beneath the eastern end of the UST will be documented. The lateral extent of the contamination is believed to be very limited due to the type of soils present at the site and the low levels of contaminants in the samples. A monitoring well was not installed at the site during the investigation; ground-water information has been obtained from adjacent sites. Ground water in the area is believed to be greater than 150 feet below ground surface (bgs). Since the contamination is known to extend to a depth of 14 feet bgs, there is approximately a 136 foot interval between the contaminated soils and ground water. It is unlikely that the release from UST 1.1 has impacted the ground water beneath the site.