

EXECUTIVE SUMMARY

The focus of this AISCR is an UST site at Hill AFB. The site under investigation has been designated as Site 236 by EMR and by the DERR as UST Site EHIX. The site contains three 15,000-gallon steel USTs used to store purge oil. In addition, there is a 500-gallon fiberglass reinforced plastic UST used to store waste JP-4 at the site. The USTs are part of a system that is used to purge JP-4 from aircraft. A release of JP-4 occurred on November 14, 1991 when Base personnel working adjacent the USTs accidentally broke the vent line on the 500-gallon waste JP-4 UST. The 500-gallon UST was subsequently overfilled and waste JP-4 leaked into the soil surrounding the break in the vent line. Approximately 30 gallons of fuel was released. To investigate this release, three soil borings were drilled surrounding the USTs and one monitoring was installed at the site. Hydrocarbon contamination was detected in only one of the soil samples collected from the site. The results, however, appear to be unrelated to the release of JP-4 at the site. This conclusion is made because there was a relatively small quantity of JP-4 released and the distance separating where contaminants were found and where the release occurred is considerable.