



KELLY AFB  
TEXAS

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ADMINISTRATIVE RECORD  
COVER SHEET

AR File Number 3272.2

**TRS ACTION ITEM**  
**From September 26, 2001 Meeting**

**Request for Chromium and Nickel Levels at Building 301**

**For groundwater:**

Information obtained from monitoring wells located outside the footprint of Building 301 indicate concentrations of chromium range from non-detect to 134 ug/l. Prior to demolition of the building, borings were installed within the building and grab samples of groundwater taken for analyses. The analytical data indicate concentrations range from non-detect to 4,910 ug/l.

When demolition of the building has been completed in December 2001, monitoring wells will be installed in the footprint and samples will be taken to verify the data obtained through the grab samples. From the data outside the footprint of Building 301, chromium is being considered a constituent of concern for groundwater in the Building 301 area.

**For soils:**

Information obtained from surface soils (0-2 feet below ground surface) outside the footprint of Building 301 shows concentrations of chromium are less than the established background of 43.16 mg/kg for surface soils.

Information obtained from subsurface soils (>2 feet below ground surface to Navarro) outside the footprint of Building 301 shows concentrations of chromium range from 24.3 mg/kg to 52 mg/kg. The established background for chromium in subsurface soils is 24.1 mg/kg.

Prior to demolition of the building, borings were installed within the building footprint and samples were taken. The analytical data indicate concentrations range from 4.66 mg/kg to 21.1 mg/kg.

All of the soil samples taken - surface and subsurface- are well within the expected range of the background values for chromium. Chromium is not being considered a constituent of concern for soils in the Building 301 area.

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