



CARSWELL/PLANT 4 RESTORATION ADVISORY BOARD

**Fact Sheet #2
February 11, 1999**

NAS FORT WORTH JOINT RESERVE BASE (JRB) INSTALLATION RESTORATION PROGRAM (IRP)

This is the second in a series of fact sheets focusing on the Installation Restoration Program (IRP) at the Naval Air Station Fort Worth Joint Reserve Base (NAS Fort Worth JRB). The NAS JRB, formerly Carswell Air Force Base, is in the process of planning and conducting activities for the identification, remediation, and closure of contaminated sites at the Base.

The IRP is the Department of Defense's (DoD) primary mechanism for environmental response actions on U.S. Air Force installations. IRP activities are governed by provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), and other applicable Federal and state regulations. These activities are being conducted through the combined efforts of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA). Under provisions of the Resource Conservation and Recovery Act, the Air Force identified 68 solid waste management units (SWMU) and 16 Areas of Concern (AOC) for further study and cleanup, if necessary.

AOC 2 DRAFT REPORT SUBMITTED

The AOC 2 RCRA Facility Investigation [of northern lobe trichloroethylene (TCE) contamination] has been completed, and a report documenting the results of the investigation prepared. This report was submitted to the agencies for review on January 15, 1999. Components of the investigation included a geophysical survey, subsurface soil and groundwater sampling, a review of new and existing analytical and physical data, an evaluation of potential sources and migration pathways, and a risk characterization. The report concludes that there is no evidence to support an onsite source of TCE other than the Air Force Plant 4 (AFP 4) plume migrating from the flightline area. It also concludes adverse health affects related to currently contaminated groundwater and soils are not expected, and the plume has not yet intercepted the West Fork Trinity River. In addition, downward migration to the Paluxy Aquifer (Fort Worth's primary drinking water aquifer) is not expected based on the observed thickness and hardness of the bedrock. Prevention of further migration of the plume toward the West Fork Trinity River eventually will be required. Until remedial measures are evaluated, monitoring to confirm no impacts will continue via the Basewide Groundwater Sampling and Analysis Program.

QUARTERLY BASEWIDE MONITORING CONTINUES

The Air Force samples groundwater at locations basewide four times a year to monitor the status of the contaminant plumes and to provide information for establishing trends. The current program (called Basewide Quarterly Groundwater Sampling and Analysis Program, or GSAP) has been in place since January 1997. Quarterly events occur in January, April, July, and October of each year. The most recent round of quarterly monitoring was completed in January 1999. Currently, an annual report is being prepared that summarizes 1998 groundwater monitoring results.

AOC 4 SITE INVESTIGATION REPORT SCHEDULED FOR EARLY MARCH

Area of Concern 4 (AOC 4) includes the area of the former fuel hydrant system at the Base. The fuel hydrant system was used to transfer aviation fuel from the bulk storage facility to fuel hydrants located along the flightline. These hydrants then were used to fuel the aircraft. The hydrant system was removed from service in 1994, and during the removal of the system, contamination from the chemicals that comprise aviation fuel was detected. The Site Investigation (SI) for AOC 4 was completed last month, and, presently, the analytical data is being compiled. The Site Investigation Report is scheduled to be submitted in March 1999.

RCRA FACILITY INVESTIGATION OF LANDFILLS CONTINUES

RCRA Facility Investigations (RFI) continue at seven former landfills. These landfills include SWMU 17 (Landfill No. 7), SWMU 26 (Landfill No. 3), SWMU 27 (Landfill No. 10), SWMU 28 (Landfill No. 1), SWMU 29 (Landfill No. 2), SWMU 30 (Landfill No. 9), and SWMU 62 (landfill No. 6). The results of the RFIs will determine if a source of potential contamination exists, and, if so, if the source has impacted the soil, groundwater, surface water, or sediments at or near the site. The results of the RFI also will be used to determine which Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard (RRS) is appropriate for closure of the units. If the values are all below background, then a request will be forwarded to the TNRCC requesting closure with no further action. If the sites have chemicals above background concentrations, then additional efforts will be accomplished that may include remediating the sites. The RFI reports will be completed in the spring/summer of this year.

FIRST ANNUAL ADMINISTRATIVE RECORD UPDATE NEARLY COMPLETE

The Administrative Record and other documents for the NAS Fort Worth JRB Installation Restoration Program are available on CD-ROM at the local Information Repositories. This project was completed in March 1998. The first annual update to these CD-ROMs will be complete in March 1999. Community members are able to view more than 356 documents such as work plans, sampling and analysis data, and the Community Relations Plan on CD-ROM. *In Magic*, a library management database, allows readers to use key words to search for documents of interest available on-line. Information Repositories have been established at the following locations: White Settlement Public Library, 8215 White Settlement Road, White Settlement, Texas 76108 (817) 367-0166 and Central Fort Worth Public Library, 300 Taylor Street, Fort Worth, Texas 76102 (817) 871-7701.

WASTE ACCUMULATION AREA PLANS SUBMITTED

The RFI of 13 Waste Accumulation Areas (WAA) at the Base is scheduled to begin in March of this year. The WAAs are small storage sheds that housed hazardous wastes prior to transferral to the central storage facility. Examples of the most common wastes stored at these facilities included used solvents, spray cans, dirty rags, and used batteries. The Work Plans for the RFI were approved by the TNRCC in late 1998, and, currently, drilling, analytical, and other support contractors are being lined up to initiate the work. Each investigation generally will consist of a few soil borings and one downgradient monitoring well. The results of the investigation will be compiled in an RFI report which is expected to be submitted in December 1999.

UST INVESTIGATIONS IMMINENT

During the closure/realignment process at Carswell, an agreement was signed whereby the Air Force would be responsible for cleaning up any contamination from Underground Storage Tanks (UST) at the Base that occurred prior to October 1, 1994. In late 1998, the Air Force and Navy agreed which tanks would require additional investigation, and the Air Force is preparing a plan for investigating those tanks which require additional data before closure. The plans were submitted to the TNRCC on February 5, 1999, and the investigation is scheduled for completion this summer.

FOR MORE INFORMATION

If you would like more information about the Installation Restoration Program at Naval Air Station Fort Worth Joint Reserve Base, contact Joseph Dunkle, HQ AFCEE, at (210) 536-5290 or via e-mail at Joe.Dunkle@HQAFCEE.brooks.af.mil.
