



NAS Fort Worth Joint Reserve Base

Carswell Field, Texas

RCRA FACILITY INVESTIGATION LANDFILLS WORK PLAN

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INTRODUCTION

NAS Fort Worth Joint Reserve Base (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 through the Installation Restoration Program (IRP). The IRP is DoD's 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 effort of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA).

RCRA Facility Investigation of Landfills Work Plan Objectives and Approach

Five former landfills will be investigated to evaluate if past waste handling practices at these units pose a threat to humans and the environment. These landfills include SWMU 17 (Landfill No. 7), SWMU 27 (Landfill No. 10), SWMU 29 (Landfill No. 2), SWMU 30 (Landfill No. 9), and SWMU 62 (Landfill No. 6).

SWMU 62 is the only landfill which has been directly investigated in the past. SWMU 17 is near a number of landfills that have been investigated in the past, but has not been the focus of any investigation. The proposed investigation will be the initial effort to evaluate the potential for contamination from the past waste handling practices from each of the other three landfills.

The objective at each of the units is to determine if a source of potential contamination exists, and, if so, has this source impacted the soil, groundwater, surface water or sediments at or near the site. The approach to determine the answer to these questions will be to initially conduct geophysical surveys designed to detect metallic objects such as buried tanks

and drums. Following the geophysical survey, soil and groundwater samples will be collected to evaluate the contamination associated with the units.

The results of this evaluation will be used to determine which TNRCC Risk Reduction Standard (RRS) is appropriate for closure of the units. If the values are all below background values, the units will be closed under RRS No. 1. If the values exceed background but are below the "look-up" tables included as RRS No. 2, the site will be closed under RRS No. 2. If the concentrations detected exceed RRS No. 2, then potential options that will be considered include closure under RRS No. 3 (i.e. baseline risk assessment) and "hot spot" removal actions.

For More Information

If you would like more information about the RCRA Facility Investigation Landfills Workplan, contact Joseph Dunkle, HQ AFCEE, at 210/536-5290.