



Carswell/Plant 4

Final Closure Report for Solid Waste Management Unit 45

Restoration Advisory Board Executive Summary # 26 • February 8, 2001

INTRODUCTION

Naval Air Station Fort Worth Joint Reserve Base (NAS Fort Worth JRB), formerly Carswell Air Force Base (AFB), 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 the primary mechanism of the Department of Defense 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), the Resource Conservation and Recovery Act (RCRA), and other applicable Federal and state regulations. The IRP at NAS Fort Worth JRB is being conducted through the combined efforts of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA).

PROJECT BACKGROUND

A limited RCRA Facility Investigation (RFI) was conducted at Solid Waste Management Unit (SWMU) 45 at NAS Fort Worth JRB in an effort to confirm the existence of SWMU 45 and, if identified, characterize the possible presence of hazardous constituents related to past operations at the site.

The overall objective of this project was to receive closure of SWMU 45 under the Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standards program. This RFI is considered to be limited in scope because of the low probability that contamination resulting from SWMU 45 has occurred.

SWMU 45 is listed in the base's RCRA Permit as a Waste Oil Tank Vault associated with a nearby oil/water separator (OWS) serving Building 1027 (Figure 1).

INVESTIGATION FINDINGS

A records search was conducted and site personnel were interviewed to determine the site history and exact configuration of SWMU 45. The design drawings for the nearby OWS indicate that it is a self-contained unit that does not have a separate waste oil tank/vault. According to these design drawings, the OWS discharges directly to the sanitary sewer system. Two mechanical drawings were obtained for the OWS. Neither drawing shows or gives reference to an associated holding tank (SWMU 45). To date, no information can be obtained to support the existence of SWMU 45.

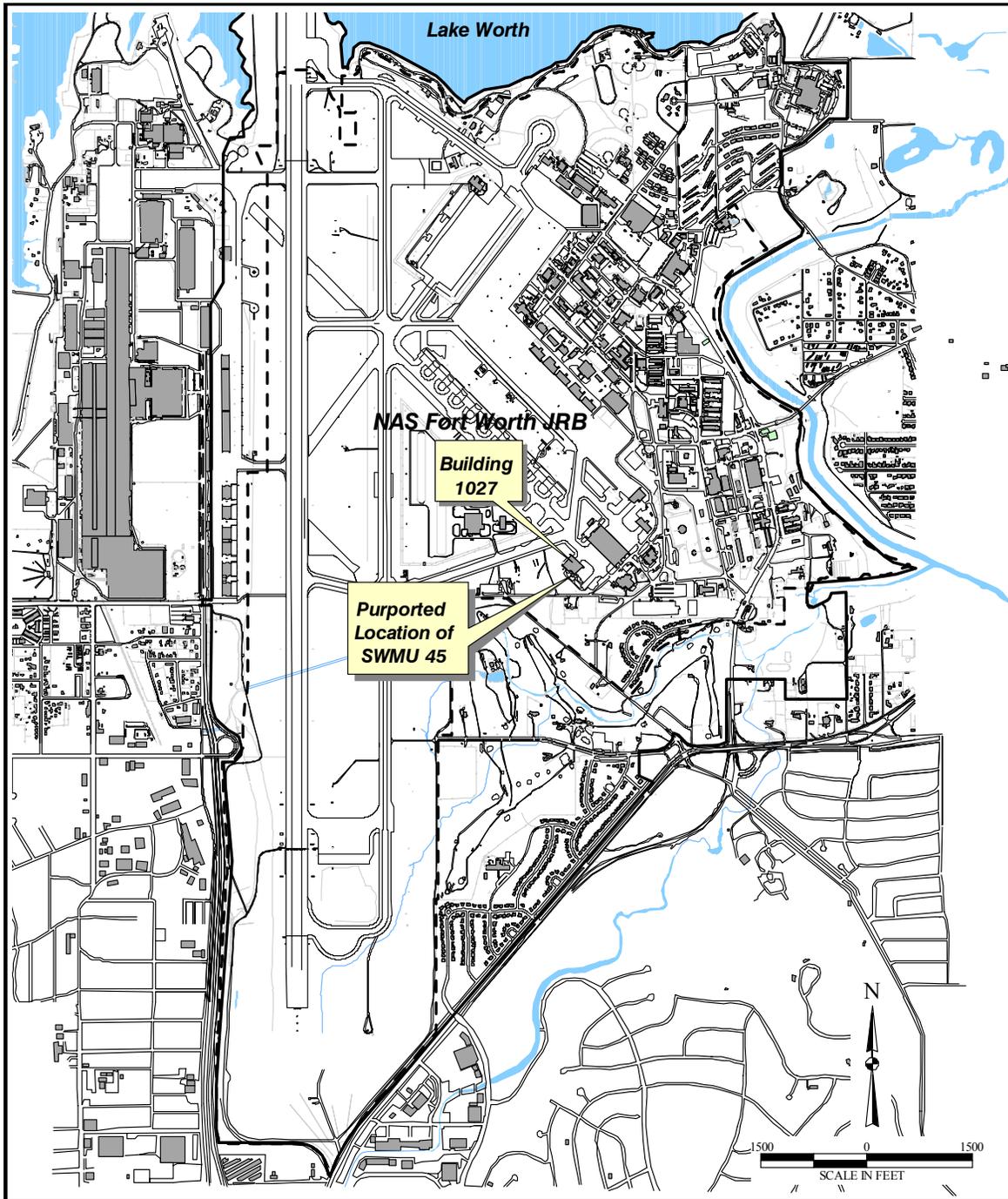
Photographs from a RCRA Facility Assessment (RFA) conducted at NAS Fort Worth JRB in 1989 misidentify a nearby sanitary sewer lift station as

SWMU 45. The waste oil tank vault was reported in the RFA to be approximately 30 feet from the OWS; however, the lift station exists approximately 75 feet away from the OWS. Additionally, a recent inspection of the interior of the lift station verified that no tank exists inside of the lift station. The sanitary sewer lift station is a component of the basewide sanitary sewer system (SWMU 66) and is included in an ongoing RFI.

Based on the information obtained, it has been determined that SWMU 45 was misidentified in the RFA and actually does not exist. As a result, SWMU 45 can pose no significant risk to human health or the environment. The Closure Report provides documentation supporting no further action (NFA) at SWMU 45, and was submitted to the TNRCC for review in January 2001.

For More Information:

If you would like more information, please see our website at <http://www.afcee.brooks.af.mil/er/carswell/nasfw/> or contact Michael Dodyk, HQ AFCEE, at (817) 782-7167 or via e-mail at Mike.Dodyk@carswell.af.mil.



Filename: \AFC001\33bcb\swmu-45.apr
 Project: AFC001-33AC
 Created: 01/05/01 cfamer
 Revised: 01/16/01 cf
 Source: HydroGeologic, Inc.—GIS Database



Legend

- NAS Fort Worth JRB Boundary
- Former Carswell AFB Boundary

Figure 1
Location of Building 1027
and SWMU 45
NAS Fort Worth JRB, Texas