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FINAL REMOVAL AND CLOSURE OF FUEL HYDRANT SYSTEM TECHNICAL REPORT NAS  
FORT WORTH TX  
12/1/1995  
JACOBS ENGINEERING



**NAVAL AIR STATION  
FORT WORTH JRB  
CARSWELL FIELD  
TEXAS**

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**ADMINISTRATIVE RECORD  
COVER SHEET**

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# United States Air Force Air Force Base Conversion Agency

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FINAL

NAS Fort Worth JRB, Texas  
(Formerly Carswell AFB, Texas)

REMOVAL/CLOSURE OF THE  
FUEL HYDRANT SYSTEM

TECHNICAL REPORT

DECEMBER 1995



# United States Air Force Air Force Base Conversion Agency

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FINAL

NAS Fort Worth JRB, Texas  
(Formerly Carswell AFB, Texas)

TECHNICAL REPORT

CAR-J03-10K70100-05-0002

DECEMBER 1995

By:



JACOBS ENGINEERING GROUP INC.

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This Technical Report has been prepared to describe field activities conducted in support of the removal/closure of the fuel hydrant system at Naval Air Station Fort Worth Joint Reserve Base, Carswell Field, Texas. Section 1.0 provides an introduction, location, and history of the station and the fuel hydrant system, and project objectives. Section 2.0 discusses project strategy, including technology selection, project schedule, subcontractors, and Air Force support. Section 3.0 describes the project activities, including pipeline abandonment, building demolition, underground storage tank removal, sampling and monitoring, site restoration and waste handling and disposal. Section 4.0 presents conclusions and recommendations. Section 5.0 includes references used to prepare this report. Five appendices are included: Appendix A contains project photographs, Appendix B is the asbestos removal report, Appendix C is a copy of the tank construction form sent to the state of Texas, Appendix D is the revised tank registration form, Appendix E is the tank removal report, and Appendix F contains waste disposal manifests.

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**Plate 1 Fuel Hydrant System Pipeline Following Removal/Abandonment, June 1995**

## ACRONYMS AND ABBREVIATIONS

ACM	asbestos-containing material
AFB	Air Force Base
AFCEE	Air Force Center for Environmental Excellence
Air Force	U.S. Air Force
BTEX	benzene, toluene, ethylbenzene, xylene
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COE	U.S. Army Corps of Engineers
DBCRA	Defense Base Closure and Realignment Act
DOD	U.S. Department of Defense
IRA	interim remedial action
IRP	Installation Restoration Program
I-30	Interstate Highway I-30
Jacobs	Jacobs Engineering Group Inc.
JP-4	jet fuel
NAS	Naval Air Station
NAS Fort Worth	Naval Air Station Fort Worth Joint Reserve Base, Carswell Field
NCP	National Oil and Hazardous Substances Contingency Plan
PAH	polycyclic aromatic hydrocarbon
SARA	Superfund Amendments and Reauthorization Act
TNRCC	Texas Natural Resource Conservation Commission
TPH	total petroleum hydrocarbons
UST	underground storage tank

## EXECUTIVE SUMMARY

The removal/closure of the fuel hydrant system at Naval Air Station Fort Worth Joint Reserve Base, Carswell Field, Texas consisted of the following activities: pipeline abandonment, building demolition, underground storage tank removal, sampling, site restoration, and waste handling and disposal. Field activities were conducted from February through June 1995.

The fuel hydrant system at the station consisted of approximately 4 miles of fuel pipeline and five pumping stations. Each station consisted of a building, fuel pumps and filtration system, and six 25,000-gallon underground storage tanks. The work conducted under this contract and delivery order was to abandon the pipeline and remove pumping station C and the associated underground storage tanks. Pumping stations A, B, D, and E had been removed previously by other contractors. The purpose of this removal/closure action was to prevent leaks and spills of jet fuel from the pipeline and associated underground storage tanks from contaminating surrounding soil and possibly groundwater.

Jacobs Engineering Group Inc. and its team subcontractor, Riedel Environmental Services, Inc., conducted the fieldwork, with support from other subcontractors for Geoprobe sampling, asbestos abatement, analytical laboratory services, underground storage tank transportation and disposal, and pipeline grouting. The pipeline was abandoned by filling with grout. The pipeline between pumping station A and Taxiway B was removed rather than grouted because it was broken in several places. The building at pumping station C was demolished using conventional demolition techniques. Asbestos-containing material in the roof and ductwork was removed by a licensed asbestos abatement contractor. The six 25,000-gallon underground storage tanks were removed and transported offsite for disposal. Soil sampling was conducted along the fuel pipeline, within the tank excavation, and from the excavated soil stockpile. Sampling results indicated scattered areas of contamination along the pipeline. The underground storage tank excavation soils contained no contaminants

above Texas Natural Resource Conservation Commission guidelines. Approximately 480 cubic yards of stockpiled soil contained contamination above the guidelines and were disposed of offsite; the remaining 1,220 cubic yards were not contaminated and were replaced into the excavation. Further details on sampling may be found in the Environmental Site Characterization Summary (Jacobs 1995a).

Site restoration consisted of backfilling all excavations and spraying the backfilled areas with a mixture of hydromulch and seed. All wastes were disposed of offsite or recycled whenever possible. Following completion of field activities, an inspection was conducted by the Air Force. No deficiencies were noted, and the work was accepted as completed.

Recommendations for future projects include a thorough review of all plans by all parties concerned, including the station fire department and any other U.S. Navy departments to ensure that no changes will be required in the field. A program to remove contamination found in relation to the fuel hydrant system is planned.

This Technical Report is a stand-alone document intended to summarize construction activities only. A companion document, the Environmental Site Characterization Summary (Jacobs 1995a), presents a discussion of sampling activities and all analytical results.

## 1.0 INTRODUCTION

This Technical Report presents a description of field activities conducted in support of Contract F41624-94-D-8116-0002, issued by the Air Force Center for Environmental Excellence (AFCEE) to Jacobs Engineering Group Inc. (Jacobs) for the Removal/Closure of the Fuel Hydrant System at Naval Air Station (NAS) Fort Worth Joint Reserve Base, Carswell Field, Fort Worth, Texas (referred to in this report as NAS Fort Worth). This project consisted of abandonment of approximately 4 miles of jet fuel (JP-4) pipeline, demolition of pumping station C, and removal of six 25,000-gallon underground storage tanks (USTs). Sampling and the analysis of soil samples were also conducted as part of this project; sampling activities and analytical results are discussed in the Environmental Site Characterization Summary (Jacobs 1995a), which is a companion to this document.

### 1.1 THE U.S. AIR FORCE INSTALLATION RESTORATION PROGRAM

The Installation Restoration Program (IRP) was developed by the U.S. Department of Defense (DOD) in 1981 to investigate hazardous material disposal sites on DOD facilities. The U.S. Air Force (Air Force) integrated the IRP with the following:

- the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended by both the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the CERCLA Act of 1992;
- the National Oil and Hazardous Substances Contingency Plan (NCP);
- pertinent provisions of the Resource Conservation and Recovery Act of 1976 statutes as amended by Hazardous and Solid Waste Amendments of 1984;
- Executive Order 12580;
- the Defense Environmental Restoration Program;
- the Defense Base Closure and Realignment Act (DBCRA); and
- all applicable or relevant and appropriate requirements and all regulations.

The objective of the Air Force IRP is to assess past hazardous waste disposal and spill sites on Air Force installations and develop remedial actions consistent with the NCP for those sites that pose a threat to human health and welfare or to the environment.

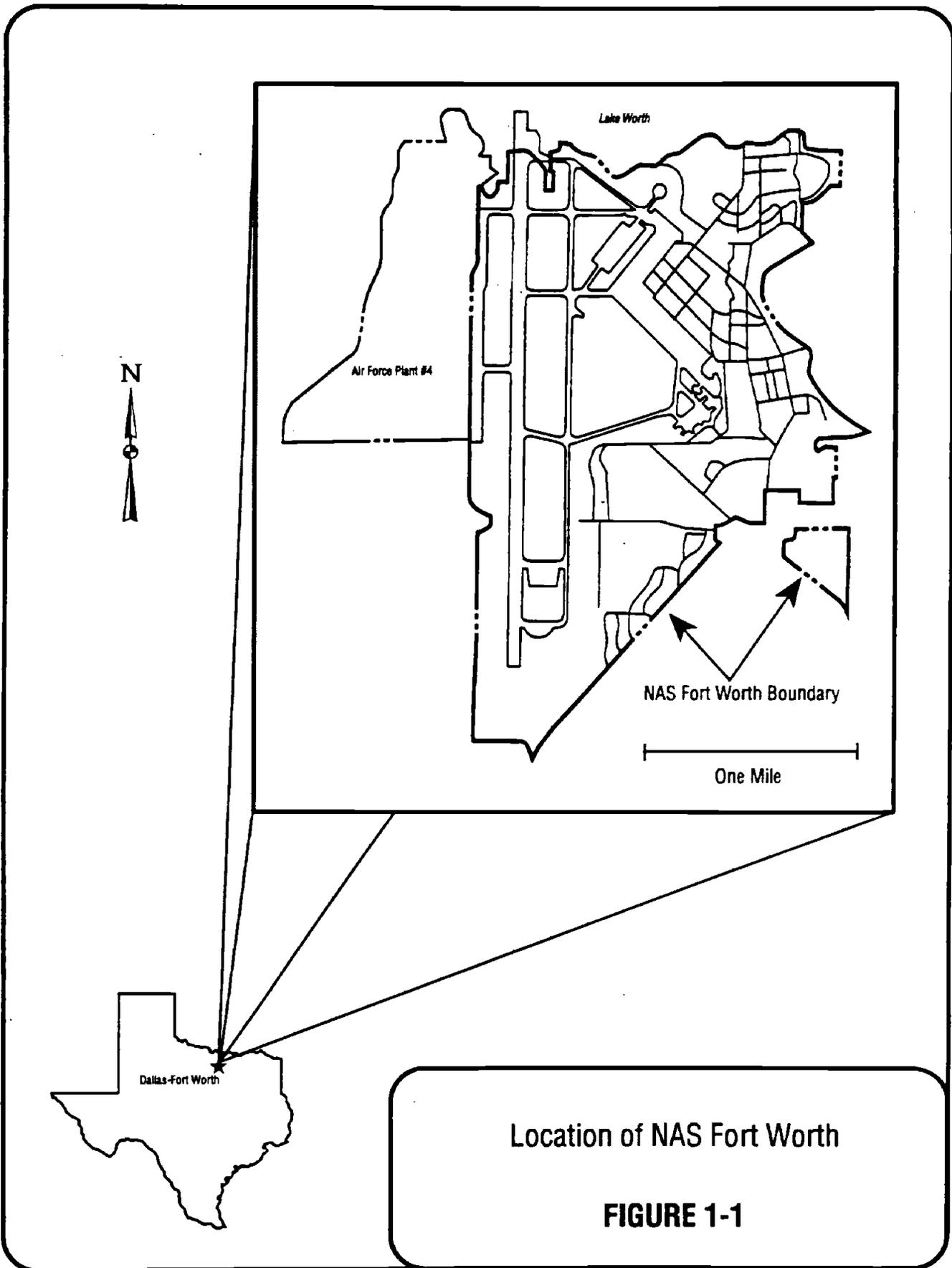
Originally, the IRP was a multiphased effort that included the following steps:

- Phase I - records search;
- Phase II - identify magnitude, rate of movement, and extent of contamination;
- Phase III - research and development of appropriate technologies to remediate contaminated sites; and
- Phase IV - remedial (cleanup) action.

The phases of the Air Force IRP are sequential steps as compared with the steps of the Superfund (CERCLA) remedial process, which can take place simultaneously. Although the procedures are slightly different, the targets of the two programs are the same. In response to SARA and in order for the Air Force program to parallel the Superfund process, DOD directed the Air Force to implement the remedial investigation/feasibility study methodology to conduct the IRP, and to abandon the phased approach.

## **1.2 INSTALLATION DESCRIPTION**

NAS Fort Worth is located in north-central Texas in Tarrant County, 8 miles west of downtown Fort Worth (Figure 1-1). The area surrounding the station is mostly suburban, including the residential areas of the cities of Fort Worth, Westworth Village, and White Settlement. The main station totals 2,264 acres and is bordered on the north by Lake Worth, on the east by the Trinity River and Westworth Village, on the northeast and southeast by Fort Worth, on the west and southwest by White Settlement, and on the west by Air Force Plant 4.



Location of NAS Fort Worth

**FIGURE 1-1**

The existing land uses in the immediate vicinity of the station include industrial, commercial, residential, and recreational. The land uses west of the station are primarily industrial as a result of industrial complexes at Air Force Plant 4 and in White Settlement. Additional uses to the west include residential and some supporting commercial. South of the station are commercial areas at the interchange of Interstate Highway I-30 (I-30) and State Highway 183. This area includes a regional shopping mall, a discount shopping center, and a smaller convenience center. Both single-family and multifamily residential development dominate the area southeast of the station and north of I-30 and the area east of the station. The area north of the station is predominantly composed of recreational and public facilities. Public access to the south shore of Lake Worth is restricted because of the presence of NAS Fort Worth and Air Force Plant 4, but the lake is open for recreation. A fish hatchery, a YMCA camp, and private recreational land border the West Fork of the Trinity River northeast of the station. The area surrounding the Offsite Weapons Storage Area is primarily rural, although a residential development is located south of White Settlement Road.

NAS Fort Worth was originally a modest dirt runway built to service the aircraft manufacturing plant now called Air Force Plant 4. The installation was established in 1942 and was referred to as the Tarrant Field Airdrome. Its mission was to provide training for B-24 bomber pilots. The Strategic Air Command assumed control of the installation in 1946. In 1948, the base was renamed Carswell Air Force Base (AFB) in honor of Fort Worth native Major Horace S. Carswell. Carswell AFB became host base for its first B-52s and KC-135s in 1956.

Pursuant to the DBCRA, Carswell AFB was selected for closure and associated property disposal during Round II Base Closure Commission deliberations. This announcement initiated the closure and disposal and reuse planning process. Drawdown activities were initiated in 1992 and all aircraft were relocated by January

1993. The base officially closed on 30 September 1993. On 01 October 1994, the U.S. Navy assumed control of Carswell AFB; the base was renamed NAS Fort Worth.

### **1.3 SITE DESCRIPTION**

The fuel hydrant system at NAS Fort Worth was installed when the station was originally constructed and was expanded during the past 50 years of Air Force activity. The system consisted of five pumping stations with six 25,000-gallon USTs, a filtering system, a delivery pump, a shelter at each pumping station, and approximately 20,000 feet of 3-, 6-, and 8-inch diameter steel pipeline. Each station served several refueling hydrants on the edge of the Alert Apron.

Interim remedial action (IRA) at the fuel hydrant system began in 1992 when pumping station E and its associated piping were removed by the U.S. Army Corps of Engineers (COE). Fuel-contaminated soil was encountered during the removal, but no soil was removed from the site and the area of contamination was not delineated. During the summer of 1994, the COE removed pumping stations A, B, and D under a second IRA project.

### **1.4 PROJECT SCOPE AND OBJECTIVES**

The scope of work consisted of an IRA to abandon the fuel hydrant system at NAS Fort Worth. The project objectives included abandonment of approximately 4 miles of fuel pipeline, demolition of pumping station C, removal of six 25,000-gallon USTs, and sampling associated soils near the tanks and piping.

## **2.0 PROJECT STRATEGY**

The following sections describe the project strategy, including selection of methods to successfully complete the project objectives, the schedule of events in the field, selection and responsibility of the various subcontractors, and support provided to the project by the Air Force.

### **2.1 TECHNOLOGY SELECTION**

No unique technologies were used during this project. Pipeline abandonment was accomplished by "pigging" the lines to remove residual fuel and pumping a grout slurry into the pipeline to abandon it. Building demolition used conventional technology including cutting torches, cranes, and backhoes. The UST removal was accomplished by excavation, lifting with a crane, and transportation offsite. Excavations were backfilled and compacted using conventional construction equipment. Site restoration was completed with hydromulch and seeding.

### **2.2 PROJECT SCHEDULE**

Planning documents, the first item in the project schedule, were submitted on time. Jacobs' receipt of the notice from the Air Force to proceed with fieldwork was received approximately one week later than scheduled. Efficiencies in mobilization and initial setup of the field activities compensated for the late start.

The original schedule proposed the following sequence of field activities: building demolition, UST removal, and pipeline grouting. At the start of building demolition, asbestos-containing material (ACM) was identified in the building at pumping station C. This discovery necessitated a shift in the field schedule to accommodate a delay caused by having to submit a 10-day notice of asbestos removal to the Texas Department of Health. At the same time, the U.S. Navy requested that Jacobs grout the section of pipeline from the aboveground fuel storage tank to the former location

of pumping station A earlier than planned, in order to accommodate Navy construction in the area. This request was fulfilled during the delay caused by the asbestos removal notice. No time was lost in the field.

Other schedule delays were caused by inclement weather (including dewatering excavations after storms), closure of the station because of a bomb threat, delay in receiving a burn permit from the station fire department, locating breaks in fuel lines, and subcontractor problems. Ten days were lost to the schedule because of the above reasons. The field effort was completed on 30 June 1995. The prefinal inspection was completed on 12 July 1995; no significant problems were noted. The project will be closed out on 17 January 1995. No further schedule delays are anticipated.

The following is a chronology of the field activities:

01/10/95	Submitted construction permit to Texas Natural Resource Conservation Commission (TNRCC) for removal of USTs.
02/07/95	Started mobilization of personnel to NAS Fort Worth.
02/08/95	Started mobilization of equipment and supplies. Obtained local fire permit.
02/09/95	Reviewed Environmental Cleanup Plan (Jacobs 1995b) and Health and Safety Plan (Jacobs 1995c).
02/10/95	Continued mobilization of equipment and supplies. Started construction of equipment decontamination pad.
02/12/95	Finished mobilization of personnel.
02/13/95 to 03/06/95	Started disassembly of Building 4153 (pumping station C).
02/14/95	Finished construction of equipment decontamination pad.
02/21/95 to 06/14/95	Decontaminated metal items before placing in recycler bin.
02/24/95 to 03/09/95	Pumped/drained fuel from fuel hydrant system.

03/06/95 to 03/24/95	Conducted Geoprobe sampling along fuel pipeline.
03/10/95	Pigged fuel supply line from former pumping station A to fuel distribution area.
03/13/95 to 04/20/95	Removed all improvements from fuel transfer apron vaults.
03/14/94 to 03/16/95	Conducted asbestos abatement at Building 4153.
03/15/95 to 04/12/95	Fabricated pig launches and catches. Fabricated and installed spool pieces for grouting efforts in each of the 15 fuel transfer apron vaults.
03/20/95	Evacuated 7,500 gallons of JP-4 from the Baker tank.
03/20/95 to 04/11/95	Drained fuel from apron vaults.
03/21/95	Evacuated 7,100 gallons of JP-4 from the Baker tank. Grouted fuel supply line from former pumping station A to fuel distribution area.
04/10/95 to 04/27/95	Conducted Geoprobe sampling along fuel pipeline.
04/11/95 to 04/14/95	Removed fuel hydrant assemblies.
04/17/95 to 04/24/95	Prepared fuel transfer apron vault lines to be grouted.
04/25/95 to 05/05/95	Disassembled/demolished Building 4153.
05/04/95	Evacuated 10,000 gallons of contaminated water from the Baker tank.
05/08/95 to 05/19/95	Removed concrete and soil from top and sides of the USTs.
05/11/95 to 05/15/95	Evacuated 30,000 gallons of contaminated rainwater from the six USTs.
05/15/95 to 05/16/95	Triple rinsed all six USTs. Pumped rinsate into the designated Baker tank. Notified Tim Sewell, TNRCC Region 4, and Liz Scaggs, TNRCC Austin, of scheduled tank removal.

05/17/95	Removed two 25,000-gallon USTs (4153-1 and 4153-2).
05/17/95 to 05/19/95	Sampled excavated soil stockpiles.
05/18/95	Removed one 25,000 gallon UST (4153-3).
05/19/95	Removed three 25,000-gallon USTs (4153-4, 4153-5, and 4153-6).
05/20/95 to 06/01/95	Excavated tank saddles.
05/23/95	Evacuated 10,000 gallons of contaminated water from the Baker holding tank.
05/30/95 to 06/09/95	Prepared fuel hydrant system-associated piping for grouting activities.
06/01/95 to 06/02/95	Sampled UST excavation (sidewalls and floor).
06/02/95 to 06/23/95	Backfilled tank excavation.
06/07/95 to 06/19/95	Removed JP-4 supply line from pumping station C to Taxiway B.
06/12/95	Pigged JP-4 supply line from Taxiway B to pumping station E.
06/13/95	Grouted refueling and defueling lines at pumping station A. Site visit by Tim Sewell, TNRCC Region 4.
06/14/95	Grouted refueling and defueling lines at pumping stations B and D. Grouted defueling line at pumping station C.
06/15/95	Grouted refueling line at pumping station C. Grouted JP-4 supply line from Taxiway B to pumping station E. Grouted refueling and defueling lines at pumping station E.
06/19/95 to 06/20/95	Backfilled excavations associated with grouting locations at pumping stations A, B, C, D, and E.
06/20/95	Evacuated 10,100 gallons of JP-4 from Baker tank.
06/21/95	Decontaminated the two 21,000-gallon Baker tanks that previously contained contaminated water and JP-4.

06/21/95 to 06/23/95	Cut excavated piping and loaded into metal recycling bins. Loaded twenty-four 20-yard trucks with contaminated soil for disposal.
06/23/95 to 06/27/95	Loaded seventeen 12-yard trucks and eleven 20-yard trucks with concrete rubble and rebar for disposal.
06/22/95 to 06/30/95	Demobilized equipment.
06/27/95 to 06/29/95	Inventoried all remaining supplies.
06/27/95	Poured concrete to cap all vaults and hydrants associated with pumping stations B, D, and E. Started demobilization of personnel.
06/28/95	Poured concrete to cap all hydrants associated with pumping stations A and C. Sprayed hydromulch and seed at pumping station C and vaults associated with pumping stations A and C.
06/29/95 to 06/30/95	Watered hydromulched and seeded areas.
07/03/95	Finished demobilization of personnel.
07/12/95	Submitted revised UST registration form to TNRCC.

### 2.3 SUBCONTRACTORS

Jacobs' team subcontractor, Riedel Environmental Services, Inc., was primarily responsible for performance of all the field activities required under this project, except the soil sampling, which was conducted by Jacobs personnel. Riedel's project superintendent, Jon Lewis, holds a class B UST removal license; the certification number is ILP 001981. Jacobs personnel also provided site management and site health and safety responsibilities. The following other subcontractors were used on this project:

- asbestos removal - Dallas Minority Abatement Demolition, Inc.;
- Geoprobe services - KEI Consultants, Inc.;
- analytical laboratory - CKY Inc.;

- UST transportation and disposal - Unified Services of Texas; and
- pipeline grouting - BJ Services, Inc.

Numerous other vendors and suppliers were used for purchase and rental of equipment required for the field effort. These were not subcontractors, and are not listed in this report.

## **2.4 AIR FORCE SUPPORT**

Support from Air Force Base Conversion Agency personnel included the following:

- providing existing engineering plans and drawings as well as reports to facilitate Jacobs efforts on the project;
- arranging for personnel identification badges and vehicle passes;
- providing a field office in Building 4157, as well as an area for equipment storage and decontamination;
- assisting field personnel with obtaining digging permits; and
- supplying sources of electrical power and water.

AFCEE personnel provided field oversight (in conjunction with their contractor, Booz-Allen, Hamilton Inc.) and overall project supervision and direction.

### 3.0 PROJECT ACTIVITIES

The following sections describe the field activities related to the pipeline abandonment, building demolition, UST removal, sampling, site restoration, and waste disposal.

#### 3.1 PIPELINE ABANDONMENT

Approximately 20,000 feet of pipeline was abandoned as part of this project. As described in the Environmental Cleanup Plan (Jacobs 1995b), the following steps were to be taken:

- Locate the pipeline using an electromagnetic locator.
- Cap the ends of the line if not already capped.
- Cut a 2.25-inch hole in the pipe to allow for the removal of fuel.
- Weld a slip-on flange to the pipe to facilitate pigging and grouting operations.
- Launch a "pig" through the pipeline to remove any residual fuel.
- Pump a slurry of cement, fly ash, and bentonite grout into the piping.

The preparation activities for abandonment had to be modified from the original plan. The station fire department would not allow welding on any portion of the fuel system pipeline, so a fire department-approved welding station was established where fixtures could be fabricated. These fixtures were either bolted in place directly onto the pipeline or attached to the pipeline using a Dresser style 711 Posi-seal coupling (Appendix A, Photograph 1). The couplings provided a mechanical alternative to a weld.

The pipeline grouting system was established using several pieces of truck-mounted equipment to transport, mix, and pump the grout slurry (Appendix A, Photograph 2). The grout mix was a blend of portland cement, pozzolan, and bentonite gel, proportioned to minimize shrinkage and free water release. The slurry was weighted to a density of 10.5 pounds per gallon or greater, and weighed in the field with a mud

balance. Before introducing the grout into the pipeline, a pig was launched through each section and residual fuel was removed at the end of the section (Appendix A, Photograph 3). The pipeline was then grouted by pumping the slurry mixture into one end of the pipe and collecting the overflow at the other end (Appendix A, Photograph 4). When the pipeline was full (as calculated based on the volume of the pipe and grout emplaced), the pumping was stopped.

The existing pipeline between former pumping stations A and D had been broken or cut during previous contractors' activities related to the removal of those stations. It was more cost effective to remove the remaining sections of pipe than to grout them, so the pipe was removed and disposed of offsite. Plate 1 shows the pipeline as it is now after completion of the abandonment activities; this plate also shows the area of pipeline removed.

The final steps in the pipeline abandonment process were to abandon the fuel hydrants and the pump and valve vaults that were part of the fuel hydrant system. All of the fuel hydrants throughout the system were abandoned by removing the covers or lids and filling to grade with concrete. The pump vaults associated with pumping stations A and C were abandoned as follows:

- The lids and supports were removed.
- The concrete walls were broken down to grade.
- The vaults were filled with construction sand to within 4 to 6 inches from grade.
- The vaults were finished to grade with topsoil.
- The topsoil was hydromulched and seeded.

The pump and valve vaults associated with pumping stations B, D, and E were abandoned as above, except that they were finished to grade with concrete instead of topsoil, and were not hydromulched and seeded.

### 3.2 BUILDING DEMOLITION

Pumping station C was fully intact before disassembly efforts began. ACM was discovered in the roof and as insulation on some of the ductwork. Jacobs hired Dallas Minority Abatement Demolition Inc., a licensed asbestos removal contractor in the State of Texas, to remove the ACM and dispose of it properly. Appendix A, Photograph 5 is a photograph of asbestos-removal activities on the roof of pumping station C. Appendix B contains the asbestos-removal report.

Following completion of the asbestos abatement and before disassembly began, field personnel made certain that the building had been completely detached from all electrical sources. After the removal of all electrical wiring, breaker boxes, and lighting components, the dismantling effort for pumps, filtration units, and associated piping began.

The draining and containment of JP-4 from all aboveground piping at pumping station C was performed before the removal of the pumps and filtration units. All fuel transfer efforts were conducted using the proper grounding techniques for optimum safety conditions. Once the JP-4 was removed, it was pumped into a Baker tank. The JP-4 remained in this tank until it was transported to the recycler.

Once the JP-4 was drained, the transfer pumps were removed by a 15-ton truck-mounted crane. After the pumps were removed, the filtration units were accessible, and these units were removed using the front bucket of the backhoe. All removed items that formerly contained JP-4 were decontaminated in the decontamination pit adjacent to pumping station C. After all items were decontaminated, they were placed in the metal recycling bin.

The next effort in building demolition was the removal of the metal roof sheeting. The removal of the metal roof was accomplished by using a reciprocating saw to cut the sheeting into 2-foot-wide pieces. A burn permit was obtained from the station fire

department to cut the bar joists with a cutting torch. To obtain the burn permit, all possible routes of exit on the USTs underlying the pumping station had to be covered with visqueen and a 3- to 4-inch layer of sand.

Once all of the bar joists were removed using a 15-ton truck-mounted crane, the joists were cut into manageable sections and placed into the metal recycling bin. After the bar joists were cleared from the canopy area, the main support beams were cut down with a cutting torch. The support beams were also handled by the truck-mounted crane (Appendix A, Photograph 6).

After the canopy area was cleared out, the walls of the building were brought down with the front bucket of the backhoe (Appendix A, Photograph 7). The remainder of the building consisted of reinforced concrete and was broken apart by a hydrohammer. The floor of the building and canopy area were also broken up using the hydrohammer. Once the concrete floor was broken up, the demolition task was complete.

### **3.3 UNDERGROUND STORAGE TANK REMOVAL**

Notification was provided to TNRCC for the tank removal on 10 January 1995. (Refer to Appendix C for a copy of the notification form.) The removal of the overburden on the USTs began as soon as the concrete floor of pumping station C was completely broken up. Excavated soil was placed in a covered stockpile (Appendix A, Photograph 8) until sampling was completed and disposal or reuse options were identified. Once the overburden on the USTs was removed, the manways on the tanks were opened and water was observed in the tanks. The concrete floor of the building had been removed on a Friday; heavy weekend storms had resulted in water infiltrating into the USTs. A total of 30,000 gallons of contaminated water was removed from the USTs.

After the contaminated water was removed, the USTs were triple rinsed to remove any residual fuel. Before, during, and after the triple rinsing, the USTs were monitored at both ends and in the center for traces of volatile hydrocarbons with both a photoionization detector and a lower explosive limit/oxygen meter. No explosive atmosphere or volatile hydrocarbons were measured any of the times that the tanks were monitored, so no respiratory protection was required for the field personnel.

Once the tanks were triple rinsed, the sand between the three USTs closest to the road was removed (Appendix A, Photograph 9). Following the removal, an attempt was made to remove the first tank. The 40-ton crane first used was too small to lift the tanks; a 100-ton crane was brought to the site and removed the first two tanks. Only one tank was removed on the second day of tank removal; the backfill from between the remaining three tanks was removed. On the third and final day of tank removal, the three remaining tanks were removed. Appendix A, Photograph 10 shows a tank being removed from the excavation. All six 25,000-gallon tanks were transported by Unified Services of Texas (Appendix A, Photograph 11) to the Texas Tank scrap yard in Venus, Texas, where the tanks were destroyed. This was a deviation from the original plan. Jacobs originally proposed that the tanks be cut up onsite and the metal recycled. The station fire department would not issue a "hot work" permit for this activity, so the tanks were transported offsite for disposal. Appendix D contains the revised TNRCC UST registration form indicating which USTs were removed. Refer to Appendix E for the tank transportation and disposal report. All of the USTs were constructed of 3/8-inch-thick steel with one manway located in the center and two utility openings at each end. Each tank was covered with an asphaltic tar coating. None of the USTs showed any signs of visible pitting, corrosion, or leaking.

Following removal of all six USTs, the concrete tank saddles were demolished (Appendix A, Photograph 12), and the concrete removed from the excavation for disposal.

### **3.4 SAMPLING AND MONITORING**

Soil sampling was conducted as three separate activities during this project. Geoprobe sampling was conducted along the fuel pipeline to determine the presence or absence of hydrocarbons in the soil possibly caused by leaks in the pipeline. The Geoprobe samples were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs) using immunoassay field screening techniques. Ten percent of the samples were also sent to an offsite laboratory for confirmation of the field screening results.

Samples were collected within the UST excavation and analyzed for BTEX, PAH, and total petroleum hydrocarbons (TPH) in accordance with TNRCC regulations. Samples were also collected from stockpiled soil removed from the UST excavation. These samples were analyzed for BTEX and TPH, also in accordance with TNRCC requirements. A more detailed discussion of the sampling activities and analytical results may be found in the Environmental Site Characterization Summary (Jacobs 1995a), which is a companion to this document.

### **3.5 SITE RESTORATION**

Site restoration was initiated after completion of all other activities. After all of the grout location improvements were removed, backfill activities at former pumping stations and apron vaults were started. During this same time, the contaminated soil and concrete rubble were loaded and transported for disposal.

After backfilling and compacting the apron vaults associated with pumping stations B, D, and E, a 6-inch concrete cap was poured into each vault. All hydrants associated with the entire fuel system were filled with concrete and the original lids placed back for safety reasons. Once the apron vaults associated with pumping stations A and C were backfilled and compacted, hydromulch was sprayed over the topsoil to complete the effort. Hydromulch was also sprayed over the backfilled UST excavation at

pumping station C. All areas previously excavated or sprayed with hydromulch were watered to encourage grass growth.

### **3.6 WASTE HANDLING AND DISPOSAL**

Approximately 32,500 gallons of water were used to decontaminate items once containing JP-4 throughout the project. An additional 30,000 gallons of contaminated water was rainwater runoff that accumulated in the USTs. All water was removed using a vacuum truck from Geer Tank Trucks, Inc. and was transported to Effluent Treatment Services, Inc. located in Fort Worth.

All six 25,000-gallon USTs were transported to the Texas Tank facility in Venus, Texas, for destruction and disposal. Approximately 480 cubic yards of stockpiled excavated soil were transported by Separation Systems Consultants, Inc. to the BFI landfill in Lewisville, Texas, for disposal. Approximately 424 cubic yards of stockpiled concrete rubble with rebar were transported by Earth Haulers, Inc. to the Carl Williams sand pit in North Fort Worth. The sand pit used concrete rubble as fill material. Appendix F contains copies of the waste disposal manifests.

The recycled material from this project consisted of approximately 24,700 gallons of JP-4 that was drained or pumped from the USTs and piping associated with the entire fuel hydrant system. Also recycled were 177,410 pounds of iron, 5,618 pounds of aluminum, and 539 pounds of insulated copper wire that were removed from the site during the project.

#### 4.0 CONCLUSIONS

No significant problems were encountered during the removal and closure of the fuel hydrant system. Minor problems included schedule delays because of inclement weather, lack of consistent water supply, and fire department refusal to issue a "hot work" permit to cut up the USTs onsite. The project finished one week behind schedule because of the above items. Other potential delays, such as the notification to the State of Texas for the asbestos removal, were avoided by shifting field activities to fill in for any delays. U.S. Navy construction activities were accommodated whenever possible.

Recommendations for future projects include notifying the fire department in writing of any plans, so that they can evaluate the plans and provide sufficient notice of their response to any required permits. All parties involved in any work, including the fire department and other Navy departments, need to review all work plans before the start of fieldwork to ensure that there are no conflicts with Navy activities onsite.

A program to remove contamination found in relation to the fuel hydrant system is planned. Following this removal and closure action, additional investigation and remedial design will be conducted to determine alternatives for remedial action.

## 5.0 REFERENCES

Jacobs Engineering Group Inc. 1995a (December). NAS Fort Worth JRB, Removal/Closure of the Fuel Hydrant System, Environmental Site Characterization Summary. Final.

Jacobs Engineering Group Inc. 1995b (January). NAS Fort Worth JRB, Removal/Closure of the Fuel Hydrant System, Environmental Cleanup Plan. Final.

Jacobs Engineering Group Inc. 1995c (January). NAS Fort Worth JRB, Removal/Closure of the Fuel Hydrant System, Health and Safety Plan. Final.

Appendix A Photographs

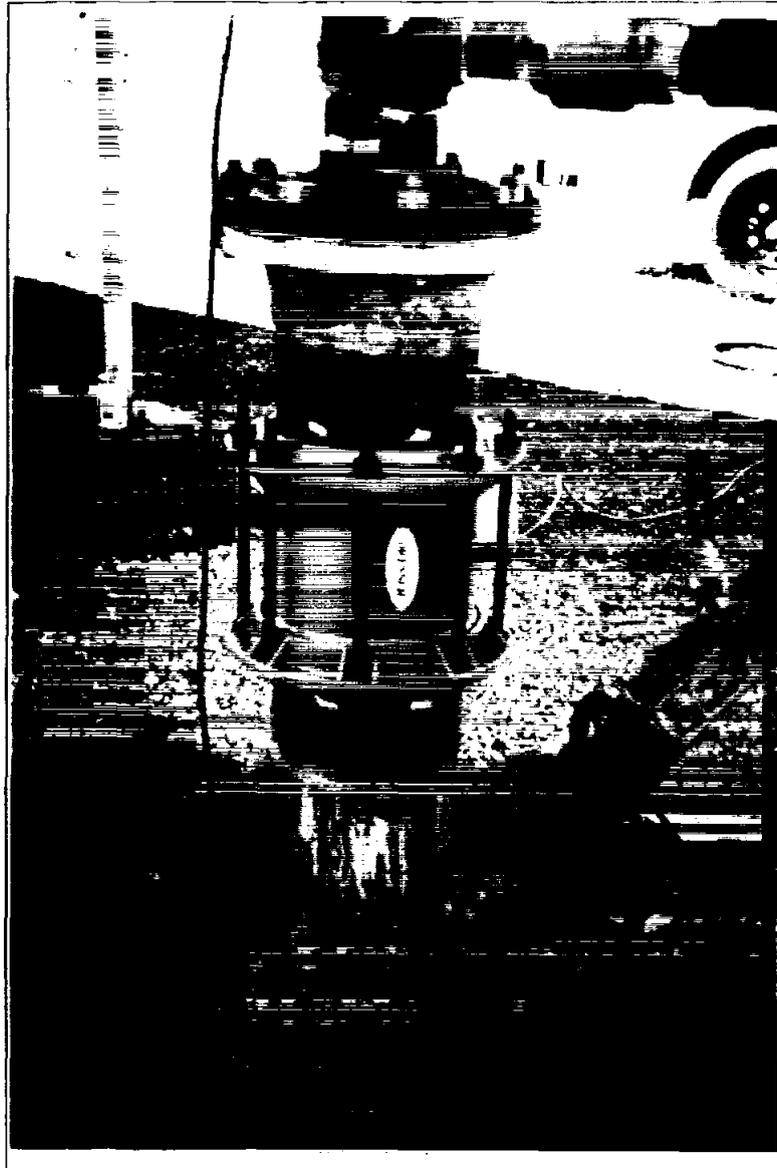


Photo Number 1 - Dresser coupling

# Appendix A Photographs



Photo Number 2 - Truck-mounted grouting equipment



Photo Number 3 - Removing fuel from pipeline prior to grouting

# Appendix A Photographs



Photo Number 4 - Grout receiving pit

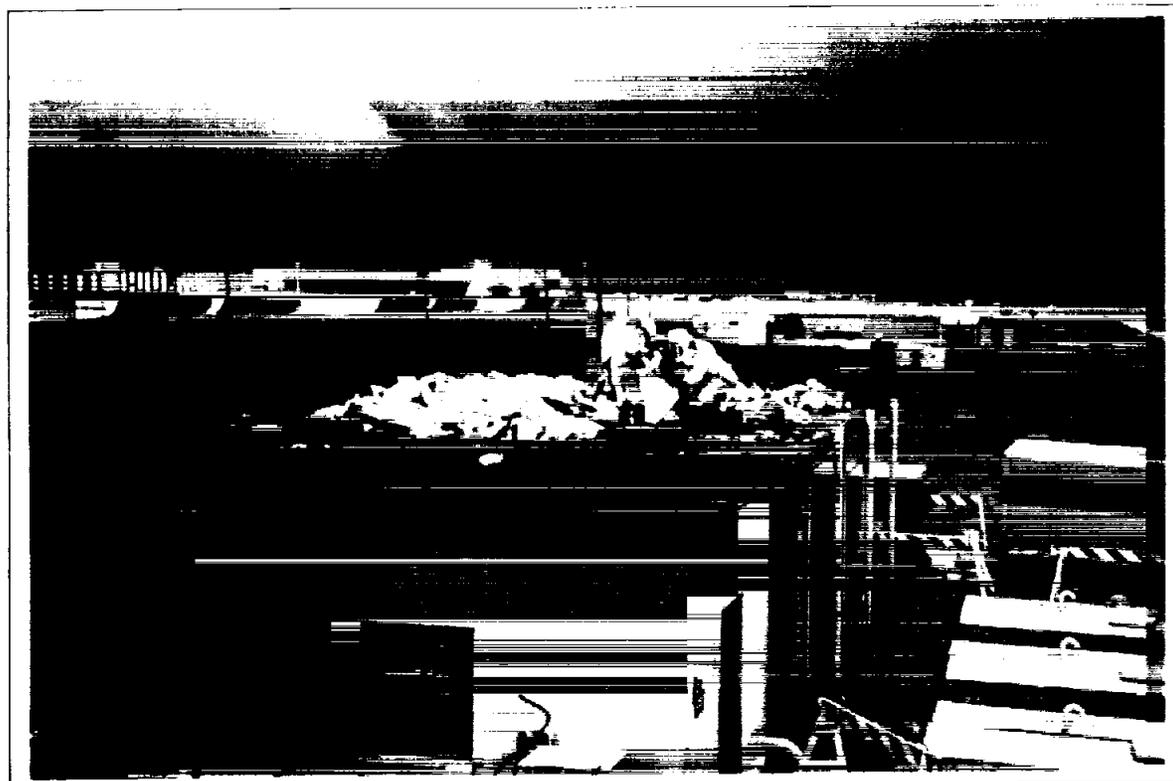


Photo Number 5 - Asbestos abatement at pumping station C

Appendix A Photographs

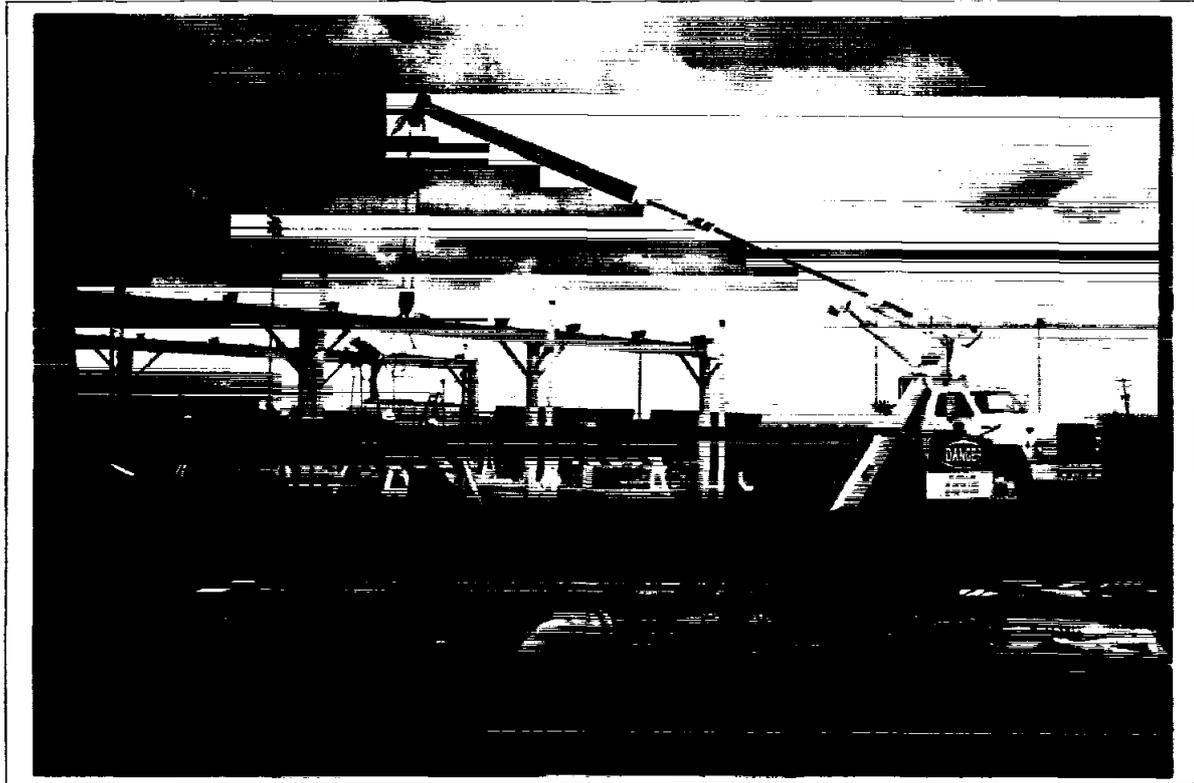


Photo Number 6 - Removing roof supports at pumping station C

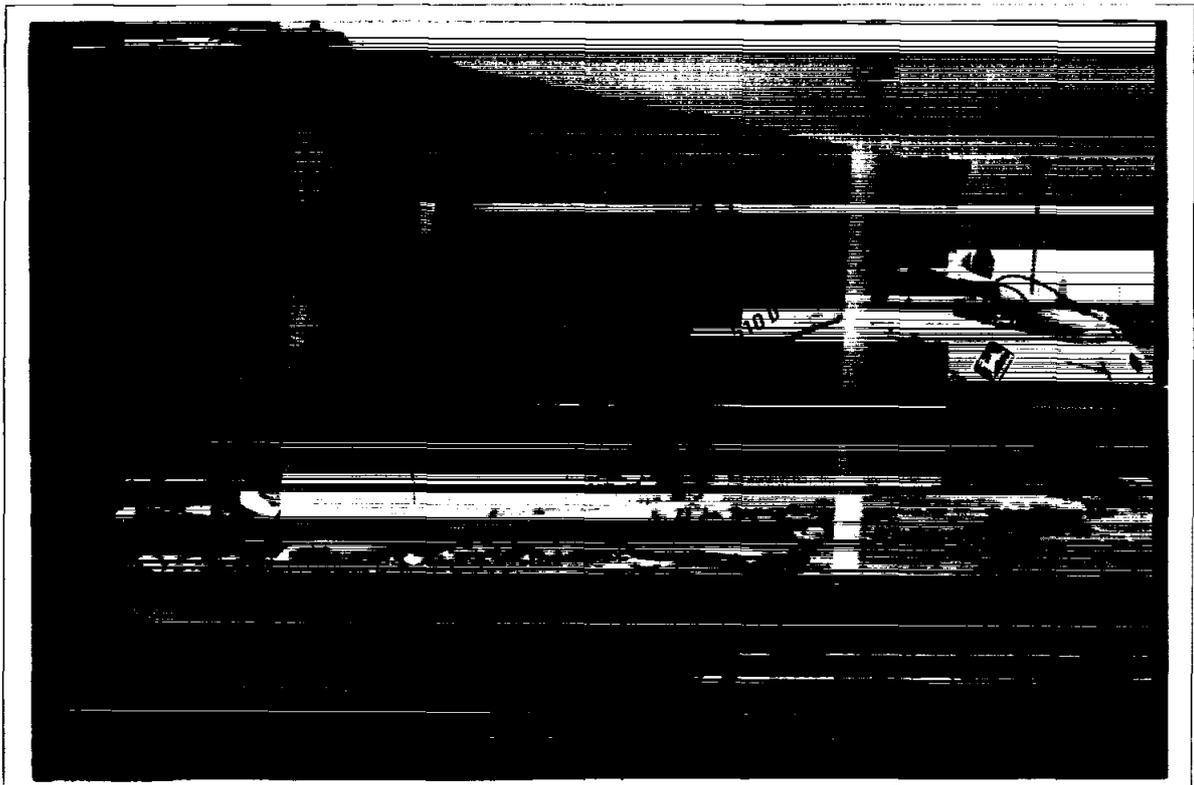


Photo Number 7 - Demolishing walls at pumping station C

# Appendix A Photographs

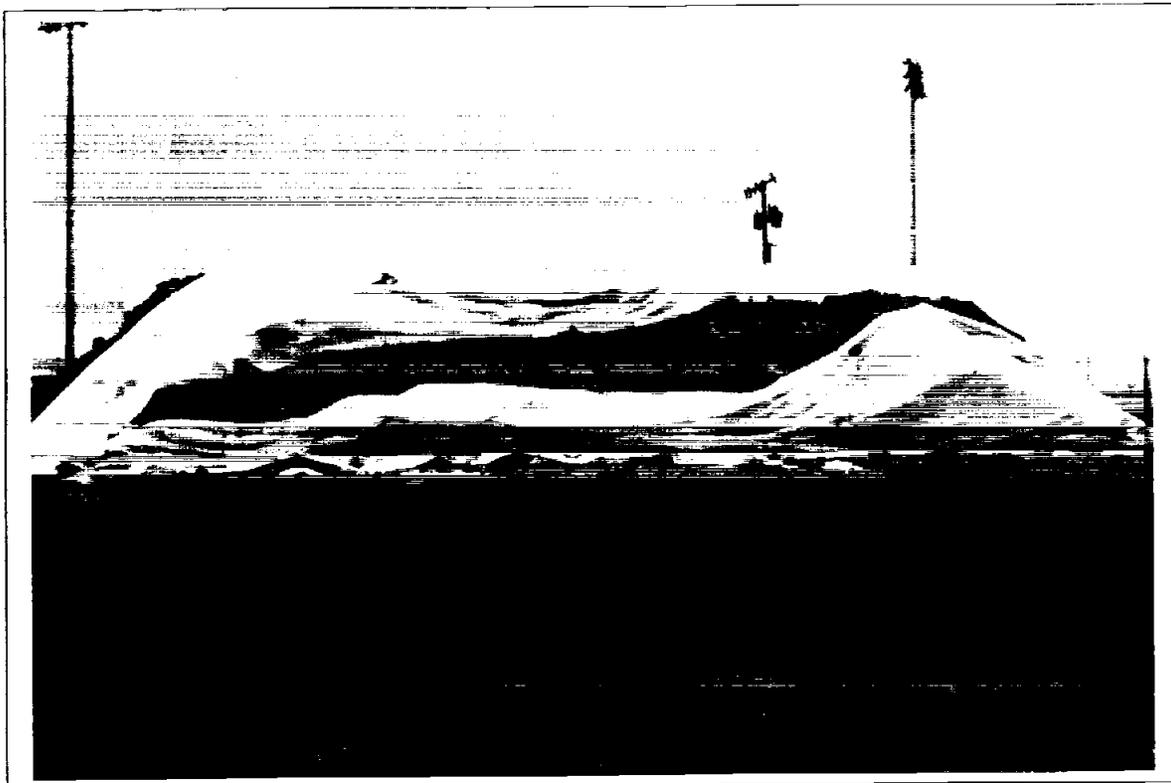


Photo Number 8 - Excavated soil stockpile



Photo Number 9 - Removing sand between tanks

Appendix A Photographs



Photo Number 10 - Lifting tank out of excavation

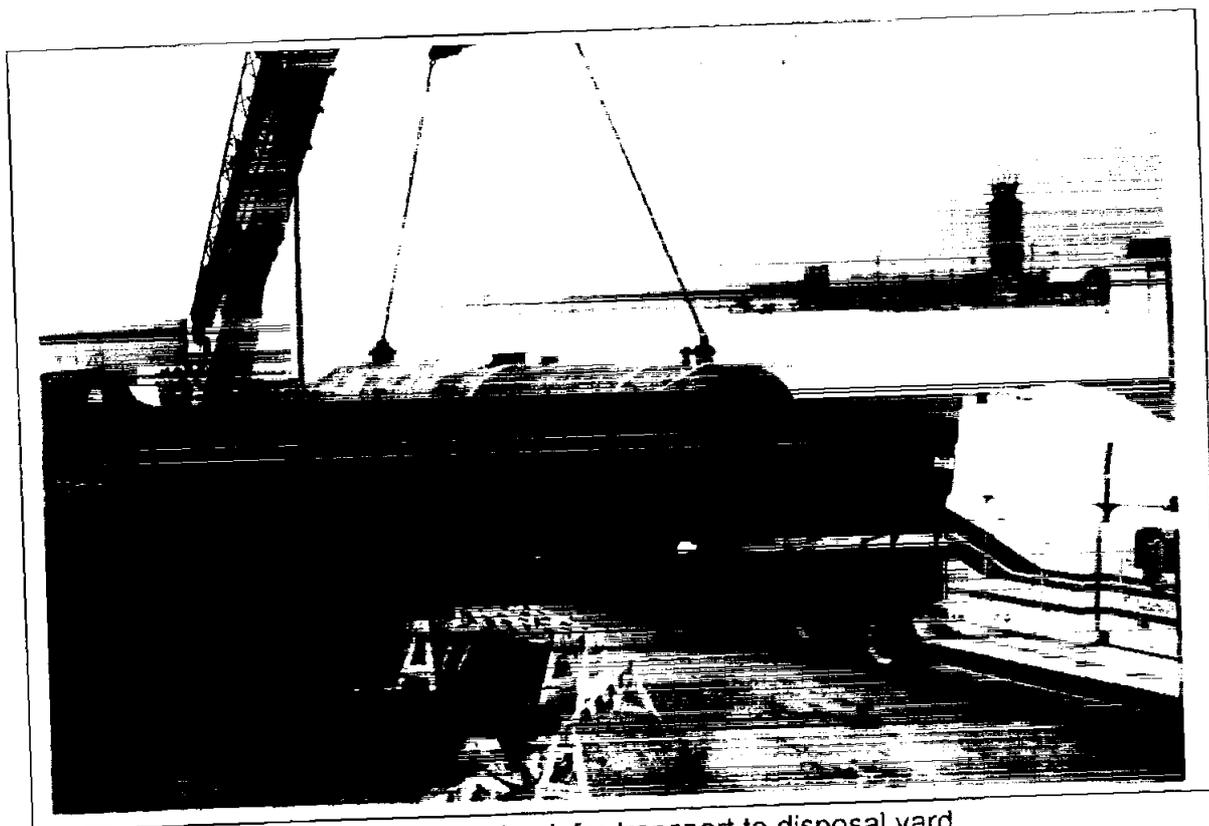


Photo Number 11 - Loading tank on truck for transport to disposal yard

# Appendix A Photographs



Photo Number 12 - Demolishing concrete tank saddles

Asbestos Abatement Report for  
Fuel Hydrant Building Roof Removal  
4153 Carswell Air Force Base  
Fort Worth, Texas 76127  
MEDO Project No. ME-94-0140



**MEDO ENGINEERS AND ASSOCIATES**



**RECEIVED**  
MAR 28 1995

Prepared for:

JE Merit Constructors, Inc.  
251 South Lake Avenue  
Pasadena, California 91101

Attention: Mr. John McManus

March 20, 1995

307 47

★ MEDO ENGINEERS AND ASSOCIATES ★  
Environmental Consultants  
P.O. BOX 29086  
DALLAS, TEXAS 75229

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March 20, 1995

Mr. John McManus  
JE Merit Constructors, Inc.  
251 South Lake Avenue  
Pasadena, California 91101

Subject: Asbestos Abatement Report for  
**Fuel Hydrant Building Roof Removal**  
4153 Carswell Air Force Base  
Fort Worth, Texas 76127  
MEDO Project No. ME-94-0140

Dear Mr. McManus:

MEDO Engineers and Associates (MEDO) has completed the air monitoring and project observations for the asbestos abatement at the Fuel Hydrant Building located at 4153 Carswell Air Force Base, in the City of Fort Worth, Tarrant County, Texas. The abatement project began on March 14, 1995, and was completed on March 16, 1995, by Dallas Minority Abatement Demolition, Inc. from Dallas, Texas.

This report describes the project characteristics, presents the results and conclusions, and includes the project daily logs. The data generated as a result of our monitoring will remain confidential and will not be released to or viewed by any unauthorized persons for any reason without your prior written consent.

MEDO has not received the signed copy of the hazardous waste disposal manifests issued by the Texas Natural Resources Conservation Commission which documents proper disposal of hazardous waste from Dallas Minority Abatement Demolition, Inc. at the time this report was being compiled. This information is pending, and will be forwarded to you upon receipt and review with any applicable changes to our recommendations.

★ **MEDO ENGINEERS AND ASSOCIATES** ★  
 Environmental Consultants  
 P.O. BOX 29086  
 DALLAS, TEXAS 75229

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We appreciate the opportunity to be of service to JE Merit Constructors, Inc. on this project, and hope to work with you on future projects. If you should have any questions about this report or any other matter, please feel free to contact MEDO at 214/479-1842 or 214/807-3299.

Sincerely,

**MEDO ENGINEERS AND ASSOCIATES**

  
 Ephraim N. Okotcha ("EO")  
 Project Manager

cc  
 Dallas Minority Abatement Demolition, Inc.

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**APPENDICES**

- Appendix A - Air Sampling Results
- Appendix B - Project Field Notes
- Appendix C - Pre-Construction Meeting Minutes

Asbestos Abatement Report for  
**Fuel Hydrant Building Roof Removal**  
4153 Carswell Air Force Base  
Fort Worth, Texas 76127  
MEDO Project No. ME-94-0140

**1.0 INTRODUCTION**

MEDO Engineers and Associates (MEDO) was retained by Mr. John McManus with JE Merit Constructors, Inc. (Jacobs Engineering Company) to perform on-site air monitoring and project observations during the asbestos abatement at the Fuel Hydrant Building located at 4153 Carswell Air Force Base in Fort Worth, Texas. The project began on March 14, 1995, and was completed on March 16, 1995.

The specifications and scope of work for the performance of this project were developed and provided by MEDO Engineers and Associates from Dallas, Texas (MEDO Project Number ME-95-0140). Project observations and air monitoring were also performed by MEDO, Texas, while the asbestos abatement was performed by Dallas Minority Abatement Demolition, Inc. (DMAD) from Dallas, Texas.

This project involved the abatement of asbestos-containing roofing materials and duct vibration isolator at the Fuel Hydrant Building located at Carswell Air Force Base.

**2.0 ACM ABATED DURING THIS PROJECT**

The abatement of asbestos-containing roofing materials and duct vibration isolator in the following quantities was performed during this project:

<u>Material</u>	<u>Location</u>	<u>Approximate Quantity</u>
Roof Felt	Roof	1,484 Square Feet
Base Flashing	Roof	1,484 Square Feet
Duct Vibration Isolator	Empty Room	2 Linear Feet

### 3.0 ABATEMENT PROCEDURES

#### 3.1 Controlled Conditioned Areas

The abatement of the asbestos-containing roofing materials (ACM) located on the roof of the Fuel Hydrant Building was conducted under restricted conditions. Immediate areas surrounding the building including the roof were restricted from entry by unauthorized personnel. On-going work by Jacobs Engineering Company employees was re-scheduled by the company. Warning signs were posted at the perimeters of the building and the restricted work area was cordoned-off with visible tapes in compliance with OSHA regulations. Access into the work area was limited to DMAD and MEDO employees.

Also, the abatement of ACM duct vibration isolator was performed under restricted conditions. The duct vibration isolator was adequately wetted with amended water prior to being wrapped in two layers of 6-mil polyethylene sheeting. The double wrapped material was placed in another 6-mil polyethylene bag specifically marked for asbestos waste, which was then transferred to a nearby dumpster. Following the removal activities, the surrounding area was adequately cleaned.

#### 3.2 Respiratory Protection

DMAD technicians utilized one type of respirator during the abatement project. Half-face negative pressure demand respirators were used during the preparation and construction of the work areas and also during bag-out periods. Also, technicians working inside the restricted work areas during the actual removal operations utilized half face negative pressure respirators. The half-face negative pressure demand respirator has a protection factor of 10, i.e., the fiber concentration inside the respirator is reduced 10 times the outside fiber concentration.

### 3.3 Disposal

The ACM was removed by licensed asbestos abatement technicians. The materials were adequately wetted with amended water and removed using methods outlined in the project scope of work and specifications. The waste was placed in 6-mil double plastic bags specifically marked for asbestos-containing waste. The double-bagged material was transferred from the work areas and stored in a truck. The referenced truck was lined with 6-mil polyethylene sheets. Asbestos waste generator labels were stamped on every double-bagged material prior to being transferred to the truck. The ACM will be transported to the C&C Landfill located at Avalon, Texas, by a licensed waste transport company (Waste Hauler), Blue Bonnet Waste management Company. This asbestos-containing waste will be disposed of in a facility certified to receive ACM.

Hazardous Waste Disposal Manifests document proper disposal of hazardous waste materials, and are issued by the Texas Natural Resources Conservation Commission (TNRCC). MEDO has not received the signed copy of the hazardous waste disposal manifests for this project from DMAD at the time this report was being prepared. This information is pending, and will be forwarded to Jacobs Engineering Company upon receipt and review with any changes to this report which may result.

## 4.0 PROJECT PROGRESS

### 4.1 First Pre-Construction Meeting

The first pre-construction meeting was conducted via the telephone from February 27, 1995, through March 14, 1995. Representatives of the following companies were contacted during this period:

- MEDO Engineers and Associates      Mr. Ephraim N. Okotcha ("EO")
- DMAD      Mr. George Harris and Mr. Mark Harris
- Jacobs Engineering Company      Mr. John McManus

The purpose of these discussions is to acquaint MEDO, the abatement contractor, DMAD, and the client, Jacobs Engineering Company with the required procedures for this abatement project, and also to confirm notification schedules to the appropriate governmental agencies with respect to start and stop dates for the project.

A copy of the minutes for this meeting is included in Appendix C.

#### **4.2 Second Pre-Construction Meeting**

A second pre-construction meeting was conducted on March 14, 1995, at the job site. The representatives of the following companies were in attendance at this meeting:

- MEDO Engineers and Associates      Mr. Ephraim N. Okotcha ("EO")
- DMAD      Mr. Mark Harris and Mr. Mario Colocho
- Jacobs Engineering Company      Mr. John McManus and Mr. LeRoy Lambeth

The purpose of this meeting is to answer further questions from the abatement contractor and the client, Jacobs Engineering Company. Also, discussions were held on the scheduling and planning of the abatement project as well as the accommodation of other on-site workers before the commencement of the abatement work. Furthermore, Jacobs Engineering Company (LeRoy Lambeth) conducted a hazard communication program to familiarize all participants at the job site of the presence and possible contacts and/or exposure to on-site chemicals and other hazards.

A copy of the minutes for this meeting is included in Appendix C.

#### **4.3 Periodic Meetings**

Periodic meetings were held throughout the project duration to discuss the progress of the abatement operations. The following company representatives were in attendance at these meetings:

- MEDO Engineers and Associates      Ephraim N. Okotcha ("EO")
- DMAD      Mr. Mark Harris and Mr. Mario Colocho
- Jacobs Engineering Company      Mr. John McManus and Mr. LeRoy Lambeth (as needed)

**4.4 Progress of Abatement Procedures**

DMAD arrived at the job site on March 14, 1995, at approximately 8:00 a.m. to start pre-cleaning, as well as preparation and construction of the work areas and decontamination facilities following the pre-construction meeting. DMAD on-site supervisor is Mr. Mario Colocho. The contractor had six additional employees on site for this project. Actual removal operations started on March 14, 1995, and were completed on March 16, 1995.

Abatement work in the referenced work areas progressed smoothly. There were no incidents of elevated fiber levels inside or outside the contained work areas. MEDO's on-site industrial hygienist collected ambient air samples before, during and after the abatement procedures. Also, OSHA personal compliance monitoring samples were collected and analyzed during the abatement operations.

The observed abatement work was executed both properly and safely by the DMAD abatement technicians. Air sampling results indicated the procedures performed did not cause elevated fiber release in the ambient air, and the project was performed according to the provided specifications and scope of work. Laboratory results are included in Appendix A.

## 5.0 NIOSH 7400 METHOD

Air samples collected by MEDO were prepared and analyzed off-site by Phase Contrast Microscopy (PCM) under the guidelines stated in the National Institute of Occupational Safety and Health (NIOSH) 7400 Method. This method encompasses the protocol by which the sample media is prepared for analysis and the established rules for the counting of the sampled fibers. The sampling field monitor is a 25 millimeter (mm), three-piece cassette with a 50 mm extension cowl and mixed cellulose ester (MCE) filter. This filter has an 0.8 micrometer ( $\mu\text{m}$ ) pore size and is supported by a backup pad.

After the collection of the air sample, the MCE filter is prepared for analysis. The object of the NIOSH 7400 Method is to produce samples with a smooth (non-grainy) background in a medium with a refractive index of less than or equal to 1.46. In accordance with this method, a wedge is cut from the air sampling filter (approximately 25 percent of the filter area) and is placed, dust side up, on a clean glass microscope slide. The slide is inserted into the receiving slot of an acetone vaporizing device and subjected to approximately 250 microliters ( $\mu\text{l}$ ) of vaporized acetone. This acetone vapor collapses the MCE filter and after three to five seconds the filter will clear. After clearing, the slide is removed from the acetone vaporizer, a drop of triacetin is placed on the filter, and a clean cover slip is placed on the sample. This method provides a shallow depth of field for easy focusing and produces permanent mounts which are useful for quality control and interlaboratory comparison.

At this point, the sample is ready for analysis and placed onto the stage of the Phase Contrast Microscope. The sample is brought into focus and subjected to the counting rules of the NIOSH 7400 Method as follows:

1. Count only fibers longer than five microns by measuring the length along the fiber.
2. Count all fibers that have an aspect ratio of 3:1 or greater.

3. Fibers lying entirely within the boundary of the Walton-Beckett graticule field shall receive a count of one. Fibers crossing the boundary once, having one end within the field shall receive a count of 1/2. Do not count any fiber which crosses the boundary more than once. Reject and do not count any fibers outside the graticule area.
4. Count bundles of fibers as one fiber unless individual fibers can be identified by observing both ends of an individual fiber.
5. Count enough graticule fields to yield 100 fibers. Count a minimum of 20 fields; stop counting at 100 fields regardless of fiber count.

As each air sample is analyzed through the use of the above-stated methodology, the resulting count data are processed to yield the reportable value in fibers per cubic centimeter of sampled air. This derived value is compared to the United States Environmental Protection Agency (USEPA's) recommended clean air standard of 0.010 f/cc for the evaluation of ambient air quality.

## **6.0 AIR SAMPLING RESULTS**

### **6.1 Air Sampling Information**

Twenty-four air samples including blanks were collected and analyzed during the abatement project. The blank samples were prepared and analyzed for quality control purposes. These samples were collected in and around the work areas before, during and after the abatement activities to monitor proper work practices throughout the project. This sampling methodology provided a detection limit of at least 0.003 f/cc of air in order to maintain a record of air quality which exceeded the USEPA-recommended clean air standard of 0.010 f/cc.

The high and low volume air sampling pumps were calibrated with a field rotameter at the job site; once at the onset of the sampling period and again at the end of the sampling period. These two values were averaged to determine the flow rate in liters per minute (LPM). The rotameters are calibrated in MEDO's laboratory through the use of a Primary Standard prior to being taken in the field.

For area sampling, the cassette was placed approximately five feet above the floor (breathing zone), pointing downward at a 45 degree angle. Each sample cassette was assigned and labeled with a unique identification number for purposes of analytical and reportable record keeping. This number directly coincided with the sample number in the air monitoring report found in Appendix A of this report.

For reference, some pertinent USEPA and Occupational Safety and Health Administration (OSHA) exposure limits are included. The current OSHA established permissible exposure limit (PEL) is 0.10 f/cc as an eight-hour time weighted average (TWA). The PEL is the level of airborne fibers specified by OSHA as an occupational exposure limit for asbestos. When the PEL is exceeded, respiratory protection and protective clothing should be donned.

The OSHA established action level (AL) for asbestos is similar to the PEL, 0.10 f/cc as an eight-hour TWA. Employees exposed to the AL for 30 or more days per year are required to participate in a medical surveillance program. The clearance level set by the USEPA under the guidelines of the Asbestos Hazard Emergency Response Act (AHERA) is 0.010 f/cc. Although AHERA applies only to non-profit schools from kindergarten through 12th grade, this clearance level is typically accepted as the industry standard clearance level. It should be noted that the method of sample analysis used during the referenced abatement project does not distinguish between asbestos and non-asbestos fibers. All fibers as defined by NIOSH 7400 Method are counted by PCM.

After collection, each sample was prepared and analyzed by PCM using the NIOSH 7400 counting method. Clearance air samples were also prepared and analyzed off-site by PCM. Detailed results of air sample analysis for the Fuel Hydrant Building asbestos abatement project performed by DMAD can be found in Appendix A of this report.

## **6.2 Background Air Samples**

Background air samples were collected from the work area prior to the beginning of abatement work. These background samples were collected in order to establish ambient fiber levels for the work area prior to the disturbance of ACM. These samples detected fiber levels at  $<0.004$  f/cc. There were no incidents of elevated fiber levels in the background samples for this project. The laboratory analysis of the collected samples including the background samples is contained in Appendix A of this report.

## **6.3 Project Air Samples**

Air samples were collected inside the work areas (Upwind and Downwind) during abatement to determine if environmental (engineering) controls (i.e. wet removal methods) were effective, and also to determine if adequate respiratory protection was being utilized. Analysis of these samples detected fiber levels at  $<0.003$  f/cc.

## **6.4 Final Visual Inspection**

Following abatement, the work areas were visually inspected by MEDO's on-site industrial hygienist to determine if the identified ACM had been completely removed and the work areas were clean. Visual inspection determined that the identified ACM had been removed successfully.

## **6.5 OSHA Personnel Compliance Air Monitoring**

While ambient samples were collected inside and outside the containment areas during abatement to determine airborne fiber concentration, OSHA personnel compliance monitoring samples were collected from DMAD employees inside the work areas. These samples were also analyzed off-site by MEDO. The purpose of this monitoring is to ensure that personnel working inside the restricted work areas are not exposed to elevated fiber levels above the PEL with the aid of the half face respirator.

If it was determined that fiber concentration inside the mask is above the USEPA recommended clean air standard of 0.010 f/cc, the contractor will be required to upgrade respiratory protection, or stop work until the level of airborne fiber concentration is brought down below the accepted standard of 0.010 f/cc by engineering control, e.g. wet methods.

## 7.0 CONCLUSIONS

The asbestos abatement project conducted at the Fuel Hydrant Building located at 4153 Carswell Air Force Base in Fort Worth, Texas was performed by DMAD in compliance with federal, state, and local regulations guiding asbestos handling.

The project was observed to have been executed in a safe manner using technically proven abatement procedures. The work area samples yielded results which indicated no elevated fiber levels outside of the restricted work areas as a result of the abatement procedures.

The signed copy of the TNRCC hazardous waste disposal manifests which document proper disposal of hazardous waste materials for this project has not been received from the abatement contractor, DMAD, by MEDO at the time this report was being compiled. This information is pending and will be forwarded to Jacobs Engineering Company upon receipt and review with any applicable changes in our conclusions and recommendations.

It is the opinion of MEDO Engineers and Associates that DMAD personnel performed the abatement work in a professional and safe manner in compliance with USEPA and OSHA, as well as TDH guidelines for asbestos abatement procedures.

**RESULTS OF ASBESTOS AIR SAMPLING**  
MEDO Project Number ME-94-0140

DATE: March 20, 1995

CLIENT: JE Merit Constructors, Inc.  
 251 South Lake Avenue  
 Pasadena, California 91101

ATTN: Mr. John McManus

PROJECT IDENTIFICATION: Fuel Hydrant Building, ACM Roof Removal

DATE SAMPLE RECEIVED: March 14, 1995, through March 16, 1995.

<u>Sample No.</u>	<u>Sample Date</u>	<u>Sample Location/Type</u>	<u>Detection Limit (1)</u>	<u>Sample Volume (2)</u>	<u>F/cc (3)</u>
001	03-14-95	BG-East of building near road	0.004	1255	<0.004
002	03-14-95	BG-South of building near dumpster	0.004	1260	<0.004
003	03-14-95	BG-North of building near fire hydrant	0.004	1235	<0.004
004	03-14-95	PS-Ines Lopez, SSN: 467-08-4921	0.016	302	<0.016
005	03-14-95	PS-Julio Alva, SSN: 466-97-7235	0.017	294	<0.017
006	03-14-95	STEL-Mario Colocho, SSN: 461-04-8379	0.065	75	<0.065
007	03-14-95	WA-Upwind, north of building	0.003	1408	<0.003
008	03-14-95	WA-Downwind, south of building	0.003	1400	<0.003
009	03-14-95	QCB-Quality Control Blank	-----	---	---
010	03-14-95	QCB-Quality Control Blank	-----	---	---

8-HR TWA for Ines Lopez	<0.016 f/cc				
8-HR TWA for Julio Alva	<0.017 f/cc				
30-Minute TWA for Mario Colococho	<0.065 f/cc				
011	03-15-95	STEL-Mario Colococho, SSN: 461-04-8379	0.065	75	<0.065
012	03-15-95	PS-Julio Alva, SSN: 466-97-7235	0.007	690	0.038
013	03-15-95	PS-Manuel Gaitan, SSN: 634-20-5530	0.007	690	0.028
014	03-15-95	WA-Upwind, north of building	0.003	1408	<0.003
015	03-15-95	WA-Downwind, south of building	0.003	1404	<0.003
016	03-15-95	QCB-Quality Control Blank	----	---	---
017	03-15-95	QCB-Quality Control Blank	----	---	---
8-HR TWA for Julio Alva	0.038 f/cc				
8-HR TWA for Manuel	0.028 f/cc				
30-Minute TWA for Mario Colococho	<0.065 f/cc				
018	03-16-95	STEL-Mario Colococho, SSN: 461-04-8379	0.065	75	<0.065
019	03-16-95	PS-Jose Alvarenga, SSN: 076-78-1156	0.007	670	0.044
020	03-16-95	PS-Ines Lopez, SSN: 467-08-4921	0.007	668	0.023
021	03-16-95	WA-Upwind, north of Fuel Hydrant Building	0.003	1400	<0.003
022	03-16-95	WA-Downwind, south of Fuel Hydrant Building	0.003	1400	<0.003
023	03-16-95	QCB-Quality Control Blank	----	---	---
024	03-16-95	QCB-Quality Control Blank	----	---	---
8-HR TWA for Jose Alvarenga	0.044 f/cc				
8-HR TWA for Ines Lopez	0.023 f/cc				
30-Minute TWA for Mario Colococho	<0.065 f/cc				

- NOTES: 1) Detection limit represents the lowest reliable quantity measured in f/cc.  
2) Sample volume expressed in total liters of air sampled.  
3) F/cc denotes the number of asbestos fibers per cubic centimeter of air.  
4) TDTR denotes "Too Dirty to Read."  
5) -- Analysis of blank indicated minor contamination of the filter below the maximum contamination level of 2695 fibers per filter.  
6) TWA - Time Weighted Average

ANALYTICAL INSTRUMENT: Olympus CH-2 Halogen Phase Contrast Microscope  
PROCEDURE: NIOSH 7400 Method

Sample Legend:

- BG Background
- BR Barrier
- ER Equipment Room
- CL Clean Room
- FC Final Clearance
- IC Inside Containment
- PR Preparation
- PS Personal
- QCB Quality Control Blank
- NAM Negative Air Machine Exhaust
- O Other

Respectfully Submitted,

MEDO Engineers and Associates

  
Ephraim N. Okotcha/Project Manager

MEDO ENGINEERS AND ASSOCIATES  
P. O. BOX 822213  
DALLAS, TEXAS 75382-2213

PROJECT Fuel Hydrant Roof Removal JOB NO. ME-95-0140

CLIENT JE Merit Constructors, Inc. DATE 03-14-95

8:00  
am

REMARKS MEDO's Representative (EO) on the job site.

8:40  
am

Contractor (MAI) on site. The contractor's supervisor, Mark Harris, on site with a crew of five additional work men. The schedule for today includes mobilization of equipment and personnel, crew is also expected to begin gross removal work later this morning.

9:25  
am

deRoy Lambert with Jacobs Engineering Company conducted site safety and hazard communication program and procedures for this project. Abatement contractor is required to provide harnesses for the workers working on the roof in compliance with OSHA regulations.

12:00  
pm

Crew and supervisor off to lunch. EO had set up and started area samples near the work area - Upwind and Downwind.

1:00  
pm

Back from lunch, crew suited up and started gross removal on the roof of the fuel hydrant bldg.

2:40  
pm

Routine Visual Observation of the gross removal work in progress. No discrepancies noted at this time - Work is progressing smoothly. The crew had started removal work from the north section of the roof.

Workers are wearing protective Tyvek disposable suits and a half face respirator

REPRESENTATIVE

EO

PROJECT INSPECTION  
REPORT

MEDO ENGINEERS AND ASSOCIATES  
P. O. BOX 822213  
DALLAS, TEXAS 75382-2213

PROJECT Fuel Hydrant Building JOB NO. ME-95-0140  
CLIENT JE Merit Constructors, Inc DATE 03-14-95

REMARKS:

pressure demand respirators

3:40  
pm

Contractor was informed that ~~and~~ he cannot  
work beyond 4:00 p.m.  
Work crew has begun to demobilize  
for the day. EO pitted both personnel  
and area monitoring pumps and  
samples.

4:00  
pm

EO briefly discussed project planning and  
scheduling with Supervisor Mark Harris.  
Abatement Contractor plans to increase  
the size of the crew and also to  
report on site by 7:30 am the next  
morning.

Air test samples were prepped, read and  
analyzed off site by PCM. No  
discrepancies noted at this time.

REPRESENTATIVE

EO

MEDO ENGINEERS AND ASSOCIATES  
P. O. BOX 822213  
DALLAS, TEXAS 75382-2213

PROJECT Fuel Hydrant Building JOB NO. ME-95-0140  
CLIENT JE. Merit Constructors, Inc. DATE 08-15-95

REMARKS

7:30 am MEDO's Representative (EO) on the job site. Contractor's Supervisors Mark Harris and Mario Colacho on site with three additional work men. The schedule of work for today includes the continuation of the grass removal operations already in progress. Crew is expected to bag out of the work area and into a standby dumpster.

8:00 am Contractor's Supervisor and crew on site. Crew suited up and ready to begin work. EO set up and started personal and area monitoring pumps and samples including a Short Term Excursion Limit Sample on the Supervisor Mario Colacho.

10:00 am Abatement work in progress. No discrepancies noted at this time. Contractor plans to add three or four additional workers to facilitate the process and work progress.

12:00 pm Crew and Supervisor off to lunch break. Back from lunch crew suited up and back to work.

2:00 pm

EO and supervisor briefly discussed project progress scheduling and planning. Mark informed EO that

REPRESENTATIVE

EO

MEDO ENGINEERS AND ASSOCIATES  
P. O. BOX 822213  
DALLAS, TEXAS 75382-2213

PROJECT Fuel Hydrant Building JOB NO. ME-95-0140  
CLIENT JE Merit Constructors, Inc DATE 03-15-95

REMARKS:  
crew will be on site tomorrow at about 8:00 am.

3:40 pm

EO began picking up air test pumps and samples from the work area. Crew has begun to demobilize for the day. EO requested the crew to cover the dumpster truck before vacating the premises.

4:15 pm

EO, crew and supervisor off-job site.

REPRESENTATIVE EO

MEDO ENGINEERS AND ASSOCIATES  
P. O. BOX 822213  
DALLAS, TEXAS 75382-2213

PROJECT Fuel Hydrant Building JOB NO. ME-95-0140  
CLIENT JE Merit Constructors, Inc. DATE 03-16-95

REMARKS:

8:00 am MEDO's representative (EO) on the job site. DMAD supervisor, Mario Colacho on site. Mark Harris with DMAD also on site. The contractor has a crew six additional work men. The schedule of work for includes the continuation of the gross removal operations already in progress. The crew is expected to complete abatement work today.

8:40 am EO began setting up air test pumps and samples in and around the work area. EO also set up and started personal sampling pumps on DMAD workers. Workers have suited up and now on the top roof to continue gross removal activities.

9:05 am EO and Mark Harris discuss project progress. No discrepancies observed at this time.

11:20 am Routine visual observation of the abatement work in progress.

12:00 pm Supervisor and crew are off to lunch

1:00 pm Back from lunch, crew suited up and back to work.

2:30 pm Routine visual observation of the abatement operations in progress. No discrepancies noted at this time  
REPRESENTATIVE EO

PROJECT Fuel Hydrant Building JOB NO. ME-95-0140  
CLIENT JE Ment Constructors, Inc. DATE 03-16-95

3:05 pm

REMARKS  
Site Supervisor informed EO the crew is ready for final visual inspection of the work accomplished. EO pointed out a few areas on the south side of the roof that needed to be re-cleaned. These areas were re-cleaned while EO looked-on.

3:30 pm

Crew is picking up debris around the building. EO picked up air test pumps and samples from the work area including personal samples.

4:15 pm

EO notified Jacobs Engineering project manager, John McManus that the crew has completed the abatement work. His crew can now resume work at the fuel hydrant building.

4:30 pm

EO contractor and crew demobilized and off job site.

EO

03-14-95

## 2<sup>nd</sup> Pre-Construction Meeting Minutes - Job Site

Attendance: Ephraim N. Okolito - MEDO Eng. & Assoc.  
 Mark - DMAD  
 Georg Harris - DMAD  
 Leroy Lambert - JE Merit Constructors, Inc.  
 John McManus - JE Merit Constructors, Inc.

Orientation: Site Safety orientation conducted by  
 Leroy Lambert with JE Merit Constructors, Inc.  
 Written Haz Com program and Site Safety Plan on  
 site for review with complete MSDS's.

- Abatement Contractor (DMAD) to provide Harnesses  
 for workers before Roof Removal work begins.

- Abatement Contractor to continue working regard-  
 less of weather conditions. Project expected  
 not to exceed three days.

- MEDO offered to sample Jacobs Engineering's  
 Company Employees working at the site in  
 compliance with OSHA regulation. Client  
 chose to reschedule work at job location

From February, 1995 thru March 14, 1995

1st Pre-Construction Meeting Minutes - By Telephone

Attendees : Ephraim N. Okoliba - MEDO Eng. & Assoc.  
George Harris - DMAD  
Mark Harris - DMAD  
John McManus - JE Merit Constructors, Inc.

Topics:

- Review of Bulk Inspection Reports.
- Preparation and project organization and planning.
- Contractor (DMAD) to notify all federal, State and local agencies on dates Abatement work is scheduled to take place.
- MEDO to develop abatement scope of work and performance specifications.
- Abatement Activities to begin on March 14, 1995.
- Abatement Contractor to provide own rest room.
- Owner (JE Merit Constructors, Inc.) to provide water and power if needed. DMAD to provide utilities hook-ups eg., water hoses, GFI box.

**APPENDIX C**

**TANK CONSTRUCTION NOTIFICATION FORM**

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

UNDERGROUND STORAGE TANK (UST) CONSTRUCTION NOTIFICATION FORM

This form is provided to assist UST owners in complying with the construction notification requirements of TNRCC Rules, 30 TAC Chapter 334. The completion and filing of this form within the prescribed time should satisfy these requirements.

1. TYPE OF CONSTRUCTION: (Indicate all that apply.)

Installation  Addition  Removal  Other (Specify) \_\_\_\_\_  
 Replacement  Improvement  Abandonment \_\_\_\_\_

2. FACILITY LOCATION INFORMATION:

Facility Name: Hydrant Fueling Station C  
Address/Location: Carswell Air Force  
Base  
County: Tarrant City: Fort Worth  
UST Facility No. (if known): -  
Telephone: No phone

3. OWNER INFORMATION:

Owner: U.S. Air Force  
Representative: Frank Grey  
Title: Chief Environmental Engineer  
Address: AERCA/OLH, Bldg. 1215  
City/State/Zip: Carlswell AFB, TX 76127  
Telephone: (817)731-8973, ext. 17

4. UST CONSULTANT INFORMATION:

Company: Jacobs Engineering Group Inc.  
Representative: Lynn Schuerrer  
Address: 600 17th St., Suite 1100N  
City/State/Zip: Denver, CO 80202  
Telephone: 303-595-8855

5. UST CONTRACTOR INFORMATION:

Company: Riedel-Peterson Env. Serv.  
Representative: Jon Lewis  
Address: 1110 Howard Drive  
City/State/Zip: Deer Park, Tx 77536  
Telephone: (713)479-5295

6. GENERAL DESCRIPTION OF PROPOSED UST ACTIVITY: (Describe all new or replacement tanks and other UST system components. Include closure procedures for UST abandonments or removals. Attach additional information as appropriate.)

Removal and disposal of 6 UST and associated piping at building number 4153.  
Carswell Air Force Base, Fort Worth, Texas.

7. SCHEDULE/DATES FOR PROPOSED CONSTRUCTION:

February 13, 1995 to June 12, 1995

8. SUBMITTED BY: Jon Lewis DATE: 1/10/95

Title & Company: Project Manager Riedel-Peterson Env. Serv.

9. MAIL COMPLETED FORM TO:

Texas Natural Resource Conservation Commission  
Petroleum Storage Tank Section  
P.O. Box 13087, Capitol Station  
Austin, Texas 78711-3087

\*\*\*\*\*  
\* FOR TNRCC STAFF USE ONLY \*  
\* \*  
\* Date Rec'd: \_\_\_\_\_ Type Notice: \_\_\_\_\_ \*  
\* District: \_\_\_\_\_ Dist. Rep.: \_\_\_\_\_ \*  
\* Remarks: \_\_\_\_\_ \*  
\* \*  
\* Logged by: \_\_\_\_\_ Date: \_\_\_\_\_ \*  
\*\*\*\*\*

**TEXAS WATER COMMISSION - UNDERGROUND STORAGE TANK REGISTRATION FORM**

FOR USE IN TEXAS	Please Mail Completed Form To:	UST Registration Section, PST Division	Facility ID Number (if known)
		Texas Water Commission P.O. Box 13087 - Capitol Station Austin, TX 78711-3087	9696
		Tax ID Number (Optional)	Owner ID Number (if known)
			4532

**I. OWNER INFORMATION**

**II. FACILITY INFORMATION**

Owner Name <u>AIR FORCE BASE CONVERSION AGENCY</u>			Facility Name <u>CARSWELL AIR FORCE BASE</u>		
Mailing Address <u>AERCA/OL-H 6550 WHITE SETTLEMENT Rd.</u>			Physical Address <u>CARSWELL AFB</u>		
City <u>FORT WORTH</u>	State <u>TX</u>	Zip Code <u>76114</u>	City <u>FORT WORTH</u>	State <u>TX</u>	Zip Code <u>761</u>
County <u>TARRANT</u>			County <u>TARRANT</u>		
Contact Person <u>OLEN R. LONG</u>		Telephone <u>(817) 731-8284</u>	Contact Person <u>MIKE ROTWIN</u>		Telephone <u>(817) 731-8973</u>
TYPE OF OWNER Private or Corporate <input type="checkbox"/> State Government <input type="checkbox"/> Local Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/>			TYPE OF FACILITY (mark all that apply) Retail <input type="checkbox"/> Wholesale <input type="checkbox"/> Fuel Refueling <input type="checkbox"/> Farm or Residential <input type="checkbox"/> Industrial, Chemical, or Manufacturing Plant <input type="checkbox"/> Aircraft Refueling <input type="checkbox"/> Other (please specify) <u>MILITARY AIR BASE</u> <input type="checkbox"/> Indian Land <input type="checkbox"/>		
Location of Records (if off-site) Address, City, State			Number of Underground Tanks at This Facility <u>33</u>		
Custodian of Records Telephone ( )			Number of Aboveground Tanks at This Facility <u>1</u>		

**III. REGISTRATION STATUS**

If this is the first time that this facility has been registered, or if you are not sure if it has been registered, mark here:

**ORIGINAL FORM**

If this is an amendment (e.g. ownership change, location name change or UST status change) to a form that was previously filed with the TWC, mark here:

**AMENDED FORM**

NOTE: If this is an amendment to a UST form that has already been filed with the Texas Water Commission, briefly explain the change in the space provided (attach additional sheets if necessary). Please include dates, names, addresses, phone numbers and any other pertinent information.

**IV. FINANCIAL RESPONSIBILITY**

COMPLIANCE DATE (mark one)  
 Sept. 29, 1989  Oct. 26, 1989  April 26, 1990  Oct. 26, 1990

FINANCIAL RESPONSIBILITY MECHANISM (mark all that apply)  
 Letter of Credit  Trust Fund  Insurance or Risk Retention Group  Surety Bond  
 Guarantee  Self Insured  PST Remediation Fund  Standby Trust Fu  
 Other (please specify) \_\_\_\_\_

**V. INSTALLER CERTIFICATION**

NOTE: This section must be completed and signed by the installer. Leave blank if no installation activity is involved.

I certify that the information provided concerning recent installations is true to the best of my belief and knowledge:  
 Was tank testing completed during and after installation?  Yes  No

Installation Company Name (print) \_\_\_\_\_ Contractor's Registration Number \_\_\_\_\_  
 Installer's Name (print) \_\_\_\_\_ Installer's License Number \_\_\_\_\_  
 Installer Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

**VI. OWNER CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and bas inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner or Owner's Authorized Representative (print) MICHAEL J. ROTWIN Title (print) ENVIRONMENTAL ENGINEER  
 Signature Michael J. Rotwin Date Signed 7-12-95

**VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST's)**

Tank ID (e.g. 1, 2, 3 or A, B, C)	4153-1	4153-2	4153-3	4154-4
<b>TANK STATUS</b>				
Tank Installation Date (month/year)	____/____/____	____/____/____	____/____/____	____/____/____
Tank Capacity (gallons)	____	____	____	____
1. Currently In Use	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Temporarily Out of Service (date)	2. ____/____/____	2. ____/____/____	2. ____/____/____	2. ____/____/____
Emptied (Yes/No)	3. <input type="checkbox"/> Y <input type="checkbox"/> N	3. <input type="checkbox"/> Y <input type="checkbox"/> N	3. <input type="checkbox"/> Y <input type="checkbox"/> N	3. <input type="checkbox"/> Y
3. Permanently Abandoned In-place (date)	3. ____/____/____	3. ____/____/____	3. ____/____/____	3. ____/____/____
(must be filled with sand or concrete, etc.)				
4. Permanently Removed from the Ground (date)	4. 05/17/95	4. 05/17/95	4. 05/17/95	4. 05/17/95
<b>UST CONSTRUCTION AND CONTAINMENT</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank</b>
1. Single Wall (mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/>
2. Double Wall	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/>
3. External Jacket System	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/>
4. Excavation/Trench Liner System	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/>
5. Piping System:	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/>
a. Pressurized	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	
b. Suction	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	
c. Gravity	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	
6. Other (please specify)	6. _____	6. _____	6. _____	6. _____
<b>MATERIAL OF CONSTRUCTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank</b>
1. Steel	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/>
2. Fiberglass-Reinforced Plastic (FRP)	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/>
3. Composite (steel w/FRP laminate)	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/>
4. Concrete	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/>
5. Other (please specify)	5. _____	5. _____	5. _____	5. _____
<b>RELEASE DETECTION (mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank</b>
1. Vapor Monitoring	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/>
2. Groundwater Monitoring	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/> <input type="checkbox"/>	2. <input type="checkbox"/>
3. Monitoring Above Excavation Liner	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/>
4. Automatic In-Tank Monitoring & Inventory Control	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/> <input type="checkbox"/>	4. <input type="checkbox"/>
5. Interstitial Monitoring for Double Wall UST's	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/> <input type="checkbox"/>	5. <input type="checkbox"/>
6. Tightness Testing	6. <input type="checkbox"/> <input type="checkbox"/>	6. <input type="checkbox"/> <input type="checkbox"/>	6. <input type="checkbox"/> <input type="checkbox"/>	6. <input type="checkbox"/>
7. Inventory Control	7. <input type="checkbox"/> <input type="checkbox"/>	7. <input type="checkbox"/> <input type="checkbox"/>	7. <input type="checkbox"/> <input type="checkbox"/>	7. <input type="checkbox"/>
8. Unknown/None	8. <input type="checkbox"/> <input type="checkbox"/>	8. <input type="checkbox"/> <input type="checkbox"/>	8. <input type="checkbox"/> <input type="checkbox"/>	8. <input type="checkbox"/>
9. Line Leak Detectors	9. <input type="checkbox"/> <input type="checkbox"/>	9. <input type="checkbox"/> <input type="checkbox"/>	9. <input type="checkbox"/> <input type="checkbox"/>	9. <input type="checkbox"/>
10. Other (please specify)	10. _____	10. _____	10. _____	10. _____
<b>SUBSTANCE STORED</b>				
1. Empty	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Gasoline	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Diesel	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Kerosene	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. Used Oil	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. New Oil	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>
7. Other Petroleum Product (please specify)	7. _____	7. _____	7. _____	7. _____
8. Hazardous Substance	8. _____	8. _____	8. _____	8. _____
a. Name of Principal CERCLA Substance	a. _____	a. _____	a. _____	a. _____
b. Chemical Abstract Service (CAS) No.	b. _____	b. _____	b. _____	b. _____
c. Mixture of Hazardous Substances	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
9. Mixture of Petroleum & Hazardous Substance	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>
10. Other (please specify)	10. _____	10. _____	10. _____	10. _____
<b>SPILL AND OVERFILL PREVENTION</b>				
1. Tight-Fit Fitting (mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Spill Container/Liquid-Tight Sump	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Automatic Overfill Device:	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
a. Shut-Off Valve	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Flow Restrictor Valve	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. High Level Alarm	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
4. Unknown/None	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
<b>CORROSION PROTECTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank</b>
1. External Coatings: (mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/>
a. Painted (e.g. asphaltic)	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Dielectric (e.g. coal tar epoxy)	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Fiberglass-Reinforced Plastic	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
d. Taped/Wrapped Piping	d. <input type="checkbox"/>	d. <input type="checkbox"/>	d. <input type="checkbox"/>	d. <input type="checkbox"/>
2. Internally Lined Tank (e.g. epoxy resin)	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Cathodic Protection System	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Composite Tank (steel w/FRP laminate)	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. Noncorrodible Material Construction	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. Electrical Isolation	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>
7. Unknown/None	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>

**TEXAS WATER COMMISSION - UNDERGROUND STORAGE TANK REGISTRATION FORM**

FOR USE IN TEXAS	Please Mail Completed Form To: UST Registration Section, P&T Division Texas Water Commission P.O. Box 13087 - Capitol Station Austin, TX 78711-3087	Facility ID Number (if known) <u>9696</u>
		Owner ID Number (if known) <u>4532</u>

**I. OWNER INFORMATION**

**II. FACILITY INFORMATION**

Owner Name <u>AIR FORCE BASE CONVERSION AGENCY</u>	Facility Name <u>CARSWELL AIR FORCE BASE</u>
Mailing Address <u>AFBCA/OL-H 6550 WHITE SETTLEMENT Rd.</u>	Physical Address <u>CARSWELL AFB</u>
City <u>FORT WORTH</u>	City <u>FORT WORTH</u>
State <u>TX</u>	State <u>TX</u>
Zip Code <u>76114</u>	Zip Code <u>76</u>
County <u>TARRANT</u>	County <u>TARRANT</u>
Contact Person <u>OLEN R. LONG</u>	Contact Person <u>MIKE BOTWIN</u>
Telephone <u>(817) 731-8284</u>	Telephone <u>(817) 731-8973</u>
TYPE OF OWNER Private or Corporate <input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/>	TYPE OF FACILITY (mark all that apply) Retail <input type="checkbox"/> Fleet Refueling <input type="checkbox"/> Industrial, Chemical, or Manufacturing Plant <input type="checkbox"/> Other (please specify) <u>MILITARY AIR BASE</u> Wholesale <input type="checkbox"/> Farm or Residential <input type="checkbox"/> Aircraft Refueling <input type="checkbox"/> Indian Land <input type="checkbox"/>
Location of Records (if off-site) Address, City, State	Number of Underground Tanks at This Facility <u>33</u>
Custodian of Records	Number of Aboveground Tanks at This Facility

**III. REGISTRATION STATUS**

If this is the first time that this facility has been registered, or if you are not sure if it has been registered, mark here:

**ORIGINAL FORM**

If this is an amendment (e.g. ownership change, location name change or UST status change) to a form that was previously filed with the TWC, mark here:

**AMENDED FORM**

NOTE: If this is an amendment to a UST form that has already been filed with the Texas Water Commission, briefly explain the change in the space p (attach additional sheets if necessary). Please include dates, names, addresses, phone numbers and any other pertinent information.

**IV. FINANCIAL RESPONSIBILITY**

COMPLIANCE DATE (mark one)  
 Sept. 29, 1990       Oct. 26, 1989       April 26, 1990       Oct. 26, 1990

FINANCIAL RESPONSIBILITY MECHANISM (mark all that apply)  
 Letter of Credit       Trust Fund       Insurance or Risk Retention Group       Surety Bond   
 Guarantee       Self Insured       PST Remediation Fund       Standby Trust Fund   
 Other (please specify) \_\_\_\_\_

**V. INSTALLER CERTIFICATION**

NOTE: This section must be completed and signed by the installer. Leave blank if no installation activity is involved.

I certify that the information provided concerning recent installations is true to the best of my belief and knowledge:

Was tank testing completed during and after installation?  Yes  No

Installation Company Name (print) \_\_\_\_\_ Contractor's Registration Number \_\_\_\_\_

Installer's Name (print) \_\_\_\_\_ Installer's License Number \_\_\_\_\_

Installer Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

**VI. OWNER CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and base inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner or Owner's Authorized Representative (print) MICHAEL J. BOTWIN Title (print) ENVIRONMENTAL ENGINEER

Signature Michael J. Botwin Date Signed 7-12-95

**VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST's)**

Tank ID (e.g. 1, 2, 3 or A, B, C)	4153-5	4153-6		
<b>TANK STATUS</b> Tank Installation Date (month/year) Tank Capacity (gallons) 1. Currently in Use 2. Temporarily Out of Service (date) Emptied (Yes/No) 3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.) 4. Permanently Removed from the Ground (date)	   1. <input type="checkbox"/> 2. <input type="checkbox"/> Y <input type="checkbox"/> N 3. 4. 05/17/95	   1. <input type="checkbox"/> 2. <input type="checkbox"/> Y <input type="checkbox"/> N 3. 4. 05/17/95	   1. <input type="checkbox"/> 2. <input type="checkbox"/> Y <input type="checkbox"/> N 3. 4. 	   1. <input type="checkbox"/> 2. <input type="checkbox"/> Y <input type="checkbox"/> 3. 4. 
<b>UST CONSTRUCTION AND CONTAINMENT</b> (mark all that apply) <input checked="" type="checkbox"/> 1. Single Wall 2. Double Wall 3. External Jacket System 4. Excavation/Trench Liner System 5. Piping System: a. Pressurized b. Suction c. Gravity 6. Other (please specify)	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 6. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 6. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 6. 	<b>Tank</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 6. 
<b>MATERIAL OF CONSTRUCTION</b> 1. Steel 2. Fiberglass Reinforced Plastic (FRP) 3. Composite (steel w/FRP laminate) 4. Concrete 5. Other (please specify)	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. 	<b>Tank</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. 
<b>RELEASE DETECTION</b> (mark all that apply) <input checked="" type="checkbox"/> 1. Vapor Monitoring 2. Groundwater Monitoring 3. Monitoring Above Excavation Liner 4. Automatic In-Tank Monitoring & Inventory Control 5. Interstitial Monitoring for Double Wall UST's 6. Tightness Testing 7. Inventory Control 8. Unknown/None 9. Line Leak Detectors 10. Other (please specify)	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/> 8. <input type="checkbox"/> <input type="checkbox"/> 9. <input type="checkbox"/> <input type="checkbox"/> 10. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/> 8. <input type="checkbox"/> <input type="checkbox"/> 9. <input type="checkbox"/> <input type="checkbox"/> 10. 	<b>Tank Piping</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/> 8. <input type="checkbox"/> <input type="checkbox"/> 9. <input type="checkbox"/> <input type="checkbox"/> 10. 	<b>Tank</b> 1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/> 8. <input type="checkbox"/> <input type="checkbox"/> 9. <input type="checkbox"/> <input type="checkbox"/> 10. 
<b>SUBSTANCE STORED</b> 1. Emv 2. Gasoline 3. Diesel 4. Kerosene 5. Used Oil 6. New Oil 7. Other Petroleum Product (please specify) 8. Hazardous Substance a. Name of Principal CERCLA Substance b. Chemical Abstract Service (CAS) No. c. Mixture of Hazardous Substances 9. Mixture of Petroleum & Hazardous Substance 10. Other (please specify)	1. <input type="checkbox"/> 4. <input type="checkbox"/> 2. <input type="checkbox"/> 5. <input type="checkbox"/> 3. <input type="checkbox"/> 6. <input type="checkbox"/> 7. a. b. c. <input type="checkbox"/> 9. <input type="checkbox"/> 10. 	1. <input type="checkbox"/> 4. <input type="checkbox"/> 2. <input type="checkbox"/> 5. <input type="checkbox"/> 3. <input type="checkbox"/> 6. <input type="checkbox"/> 7. a. b. c. <input type="checkbox"/> 9. <input type="checkbox"/> 10. 	1. <input type="checkbox"/> 4. <input type="checkbox"/> 2. <input type="checkbox"/> 5. <input type="checkbox"/> 3. <input type="checkbox"/> 6. <input type="checkbox"/> 7. a. b. c. <input type="checkbox"/> 9. <input type="checkbox"/> 10. 	1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. a. b. c. <input type="checkbox"/> 9. <input type="checkbox"/> 10. 
<b>SPILL AND OVERFILL PREVENTION</b> (mark all that apply) <input checked="" type="checkbox"/> 1. Tight-Fill Filing 2. Spill Container/Liquid-Tight Sump 3. Automatic Overfill Device: a. Shut-Off Valve b. Flow Restrictor Valve c. High Level Alarm 4. Unknown/None	1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/>	1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/>	1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/>
<b>CORROSION PROTECTION</b> (mark all that apply) <input checked="" type="checkbox"/> 1. External Coatings: a. Painted (e.g. asphaltic) b. Dielectric (e.g. coal tar epoxy) c. Fiberglass-Reinforced Plastic d. Taped/Wrapped Piping 2. Internally Lined Tank (e.g. epoxy resin) 3. Cathodic Protection System 4. Composite Tank (steel w/FRP laminate) 5. Noncorrodible Material Construction 6. Electrical Isolation 7. Unknown/None	<b>Tank Piping</b> 1. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> d. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/>	<b>Tank Piping</b> 1. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> d. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/>	<b>Tank Piping</b> 1. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> d. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/>	<b>Tank</b> 1. a. <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> c. <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> 7. <input type="checkbox"/> <input type="checkbox"/>

**UST** Unified Services of Texas, Inc.

*Complete Petroleum Storage Tank Services*  
2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

June 16, 1995  
3895-004

Mr. Tommy E. Johnson  
Senior Subcontract Administrator  
Jacobs Engineering Group Inc.  
Environmental Division  
P. O. Box 53495  
Houston, Texas 77052

**SUBJECT:** AFCEE Program, NAS Ft. Worth JRB  
NAS Fort Worth JRB, Texas  
Transporting and Demolishing Six (6) Underground Storage Tanks

**Reference:** (a) Proposal 10-K701-00-R95-0002, UST Proposal No. 5895-018, dated  
April 17, 1995

**Enclosure** (1) Non-Hazardous Waste Manifest #3895-004-1  
(2) Non-Hazardous Waste Manifest #3895-004-2  
(3) Non-Hazardous Waste Manifest #3895-004-3  
(4) Certificate of Destroyal for Tank Nos. 4153-1, 4153-2, 4153-3, 4153-4,  
4153-5, and 4153-6  
(5) Photographic Audit Trail of Key Events

Dear Mr. Johnson:

In accordance with reference (a), Unified Services of Texas, Inc. (UST) completed the transportation, offloading, and demolition of six (6) underground storage tanks located at Building 4153, NAS Ft. Worth JRB, Texas on May 19, 1995. UST is licensed within the State of Texas, under the TNRCC Contractor Registration Program (CRP) and Registered Corrective Action Specialist (RCAS) as licensee numbers 000970 and 000278, respectively. Mr. Clarence D. "Dan" Hill is licensed within the State of Texas, under the TNRCC Individual License Program (ILP) as license number 001549, licensed to repair and install, as well as remove underground storage tank systems, "A" and "B" license respectively. All aspects of this project were performed under the guidance of the American Petroleum Institute Recommended Practice Number 1604 (API/RP-1604) and other acceptable industry practices. A summary of the activities performed at the site is below.

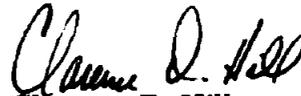
- Tanks were verified to have been emptied, purged/inerted, cleaned, and all rinsate removed prior to loading on the transport vehicle.

- Safe ingress and egress routes were determined prior to loading the tanks. All necessary safety equipment was made readily available.
- Tanks were properly labeled and loaded on trailers. All tanks were chocked to prevent rolling and secured with a minimum of five (5) holding straps.
- Prior to leaving site, tanks were certified to have Lower Explosive Limit (LEL) of less than five percent (5%). The LEL of each tank was 0%.
- All tanks were transported and destroyed under UST Non-Hazardous Waste Manifest by Texas Tank Destroyal to South-West Railroad Car Parts Co., Venus, Texas for recycling of metal (see enclosures (1) thru (4)).

Enclosure (5) provides a photographic audit trail of each tank securely loaded and ready to be transported to the disposal facility. Photographs 9 thru 11 indicate the initial cuts made on tank #4153-4, prior to weigh in (photo #12) and final destruction. The cuts shown are indicative of initial cuts made on each of the tanks prior to final destruction. Tank #4153-4 was weighed on the loading crane's scale (26,400#) and again at the disposal facility (26,000#). Each tank was weighed at the disposal facility with their average weight recorded as 26,000#.

Unified Services of Texas, Inc. appreciates the opportunity to serve your petroleum fueling and storage tank system needs and looks forward to assisting you in any future requirements. If after reviewing the information contained herein you have questions, or if I may be of further assistance, please contact me at (817) 481-9510.

Sincerely,



Clarence D. Hill  
President

CDH/tt

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3895-004-1

#1-6246

Disposal Center Acceptance # 2-6247

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: NAS FT WORTH JRB  
USAF AFCEE

SITE NAME: BLDG 4153

ADDRESS: NAS FT WORTH JRB, TX

ADDRESS: NAS FT WORTH JRB, TX

PHONE NO: (817) 731-8973 EXT 19

PHONE NO: (817) 731-8973 EXT 19

WASTE CODE: \_\_\_\_\_

DESCRIPTION OF WASTE: USED 25,000 GALLON UNDERGROUND STORAGE

TANKS (#4153-1 SER# UNK 5/53 / #4153-2 SER# 7051 5/53

HIGHEST TPH: N/A HIGHEST LEL: 0% CONTAINS METALS: YES  NO

QUANTITY: 2 UNIT: EA NUMBER OF CONTAINERS: 1 EACH TRUCK

TYPE OF CONTAINER: TRUCK  (2) CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER W/TANK (1 EA) 26,000# EACH

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

M. Botwin, ENV. COORD.  
GENERATOR / AGENT NAME (PRINTED)

Michael J. Botwin  
SIGNATURE

5/17/95  
DATE SHIPPED

TRANSPORTER

TRUCK NO: #1 & #2

PHONE NO: (800) 782-6350

TRANSPORTER: TEXAS TANK DESTROYAL

DRIVER'S NAME: P. J. ALEXANDER

ADDRESS: P.O. Box 376, VENUS, TX 76084

VEHICLE LICENSE NO: #TY14943 / #2 R01538  
R669021

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

#1 [Signature]  
#2 [Signature]  
(DRIVER'S SIGNATURE)

5/17/95 1410

5/17/95 1530  
(DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

#1 [Signature]  
#2 [Signature]  
(DRIVER'S SIGNATURE)

5/17/95 1800

5/17/95 1800  
(DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: SOUTHWEST RAIL ROAD + CAR PARTS

PHONE NO: (214) 366-3612

ADDRESS: P.O. Box 341 (Hwy 67), VENUS, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

H.M. Nuss Jr  
(AUTHORIZED FACILITY REPRESENTATIVE)

[Signature]  
(SIGNATURE)

5-19-95  
(DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3895-004-2

Disposal Center Acceptance # 6248

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: NAS FT. WORTH JRB  
USAF AFCEE SITE NAME: BLDG 4153  
ADDRESS: NAS FT WORTH JRB, TX ADDRESS: NAS FT WORTH JRB, TX  
PHONE NO: (817) 731-8973 EXT 19 PHONE NO: (817) 731-8973 EXT 19  
WASTE CODE: \_\_\_\_\_

DESCRIPTION OF WASTE: USED 25,000 GALLON UNDERGROUND STORAGE  
TANK SER # UNK (4153-3)

HIGHEST TPH: N/A HIGHEST <sup>LEL</sup>~~STEX~~: \_\_\_\_\_ CONTAINS METALS: YES  NO \_\_\_\_\_  
QUANTITY: 01 UNIT: EA NUMBER OF CONTAINERS: 1 TRUCK  
TYPE OF CONTAINER: TRUCK  CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER <sup>WT</sup> 26,000 #

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

M. Botwin, ENV. COORD Michael J. Botwin 5/18/95  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED  
TRANSPORTER

TRUCK NO: # 2 PHONE NO: (800) 782-6350  
TRANSPORTER: TEXAS TRUCK DESTROYAL DRIVER'S NAME: T. Bauer  
ADDRESS: P.O. Box 376, VENUS, TX 76084 VEHICLE LICENSE NO: RO1538  
(PRINTED)

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

T. Bauer [Signature] 5/18/95  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

T. Bauer [Signature] 5/18/95  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION  
FACILITY NAME: SOUTHWEST RAILROAD + CAR PADS PHONE NO: (214) 366-3612  
ADDRESS: P.O. Box 341 (HWY 67), VENUS, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

H.M. Nuss Jr. [Signature] 5-19-95  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3895-004-3

Disposal Center Acceptance # 6249 + 6250

NON-HAZARDOUS WASTE MANIFEST

GENERATOR  
GENERATOR NAME: NAS FT WORTH JRB USAF AFCEE SITE NAME: BLDG 4153  
ADDRESS: NAS FT WORTH JRB, TX ADDRESS: (Same)  
PHONE NO: (817) 731-8973 EXT 19 PHONE NO: (Same)

WASTE CODE: \_\_\_\_\_  
DESCRIPTION OF WASTE: USED 25,000 GALLON UNDERGROUND STORAGE  
TANKS # 4153-6 SER# UNK ; # 4153-5 SER# 7055  
HIGHEST TPH: N/A HIGHEST LEL: 0% CONTAINS METALS: YES  NO   
QUANTITY: 02 UNIT: EA NUMBER OF CONTAINERS: (2) TRUCKS  
TYPE OF CONTAINER: TRUCK  CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER WT 26,000 # EACH

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

M. Botwin, Env. Coord. Michael J. Potwin 5/19/95  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED  
TRANSPORTER

TRUCK NO: #1 + #3 PHONE NO: (800) 782-6350  
TRANSPORTER: TEXAS TANK DESTROYAL DRIVER'S NAME: P.J. ALEXANDER + C. BARKO  
ADDRESS: P.O. Box 376, Venus, TX 76084 VEHICLE LICENSE NO: R66902; R01529

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.  
#1 [Signature] 5/19/95 0920  
#2 [Signature] 5/19/95 1005  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.  
#1 [Signature] 5/19/95 0920  
#2 [Signature] 5/19/95 1005  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION  
FACILITY NAME: SOUTHWEST RAILROAD + COAL PILES PHONE NO: (214) 366-3612  
ADDRESS: P.O. Box 341 (Hwy 67), Venus, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

H.M. Nuss Jr H.M. Nuss 5-19-95  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3895-004-4 -

Disposal Center Acceptance # 6251

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: NAS FT WORTH JRB  
USAF AFCEE SITE NAME: BLDG 4153  
ADDRESS: NAS FT WORTH JRB, TX ADDRESS: (SAME)  
PHONE NO: (817) 731-8973 EXT 19 PHONE NO: (SAME)  
WASTE CODE: \_\_\_\_\_

DESCRIPTION OF WASTE: USED 25,000 GALLON UNDERGROUND STORAGE  
TANK # 4153-4 SEE # UNK

HIGHEST TPH: N/A HIGHEST BTEX: LEL 0% CONTAINS METALS: YES  NO   
QUANTITY: 01 UNIT: EA NUMBER OF CONTAINERS: TRUCK  
TYPE OF CONTAINER: TRUCK  CARTON  BAG  OTHER WT 26,000

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

M. Botwin, ENV. COORD Michael J. Botwin 5/19/95  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED

TRANSPORTER

TRUCK NO: #1 Peng Ahler PHONE NO: (800) 782-6350  
TRANSPORTER: TEXAS TANK DESTROYAL DRIVER'S NAME: P.J. ALEXANDER  
ADDRESS: P.O. Box 376, VENUS, TX 76084 VEHICLE LICENSE NO: R66902

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Peng Ahler 13:20 5/19/95 1320  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

Peng Ahler 13:20 5/19/95 1320  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: Southwest Railroad + Car Parts PHONE NO: (214) 366-3612  
ADDRESS: P.O. Box 341 (HWY 67), VENUS, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

H.M. Nuss, Jr. H.M. Nuss 5-19-95  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

# Certificate of Destroyal

Attention: UNIFIED SERVICES

Let it be known that on the date of [ 5-17-95 ], the tank(s) listed on invoice number [ 4631 ] were picked up from the below listed location by **TEXAS TANK DESTROYAL**. As of [ 5-22-95 ] the tank(s) listed below by reference number have been destroyed.

- 1. [ 6246 ]
- 2. [ 6247 ]
- 3. [ 6248 ]
- 4. [ 6249 ]
- 5. [ 6250 ]
- 6. [ 6251 5-19-95 ]

Site Location: FT WORTH- CARSWELL A.F.B

Record of the disposal will be maintained for future reference

*Alvin Beaul*

Texas Tank Destroyal

Seal

Subscribed and Sworn before me

this [ 22 ] day of [ May ] 1995

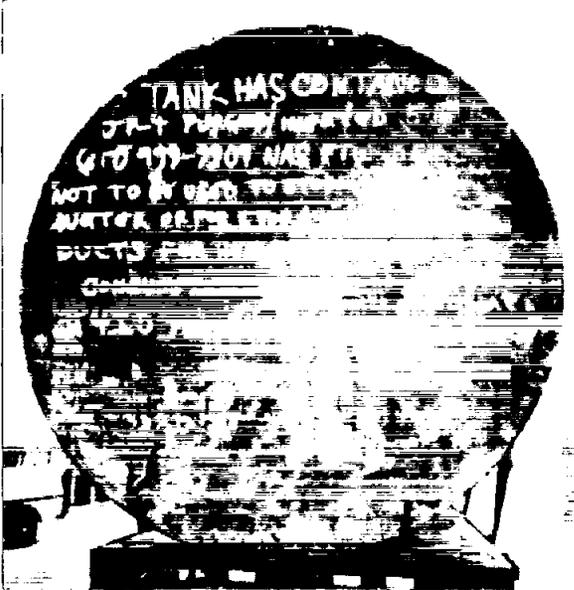
*Amy King*  
Notary Public Signature



AMY KING  
MY COMMISSION EXPIRES  
March 1, 1999

Texas Tank Destroyal / TNRCC Lic # CPR001129  
P.O. Box 367 Venus, Texas 76084 (800)782-6350 or (214)366-8402 Fax:(214)366-8516

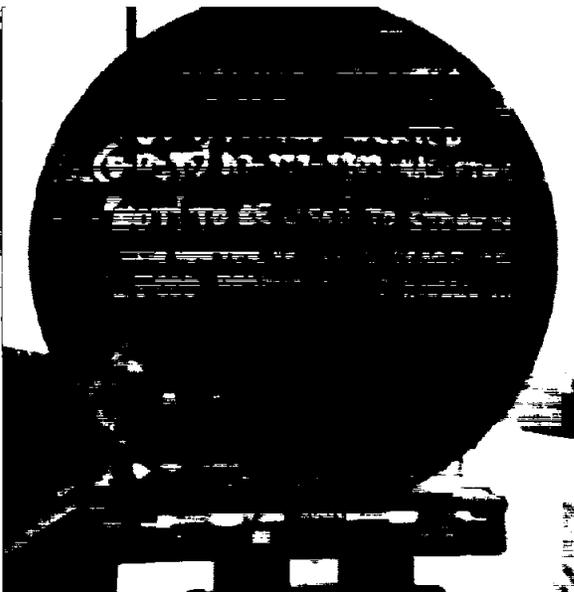
**Building 4153  
NAS Ft. Worth JRB**



1. Tank #4153-1 has been properly labeled.



2. Tank #4153-1 is loaded, secured, and ready for transport.



3. Tank #4153-2 has been properly labeled.

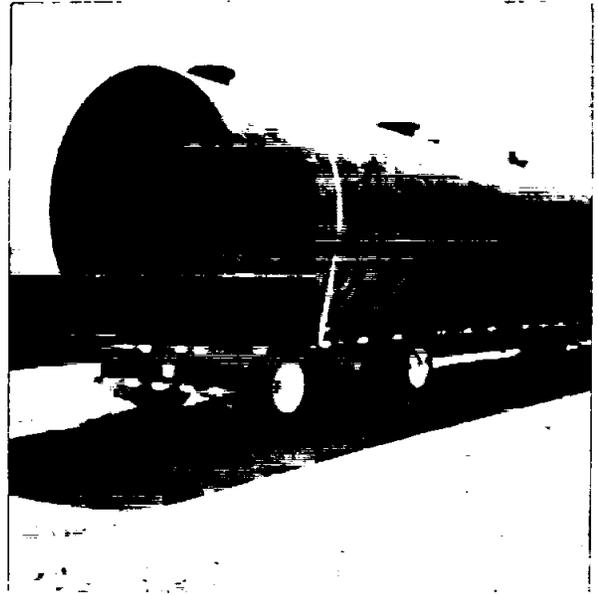


4. Tank #4153-2 is loaded, secured, and ready for transport.

**Building 4153  
NAS Ft. Worth JRB**



**5. Tank #4153-3 has been properly labeled.**



**6. Tank #4153-3 is loaded, secured, and ready for transport.**

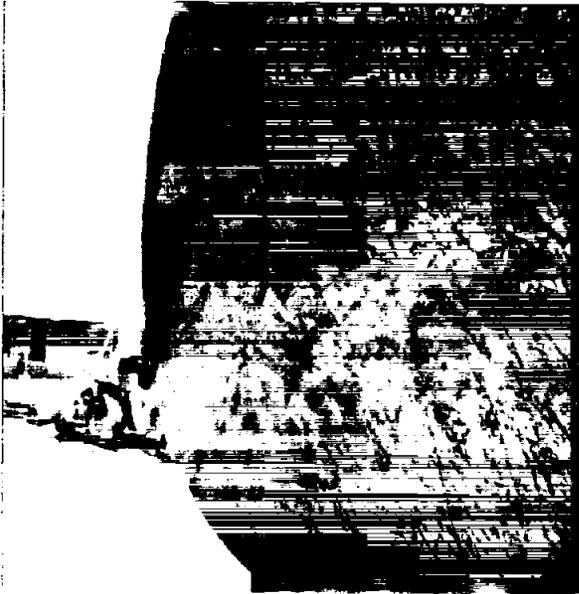


**7. Tank #4153-4 has been properly labeled.**



**8. Tank #4153-4 is loaded, secured, and ready for transport.**

**Building 4153  
NAS Ft. Worth JRB**



**9. Initial cut made on endplate of Tank #4153-4.**



**10. Side of Tank #4153-4 is cut prior to final destruction.**

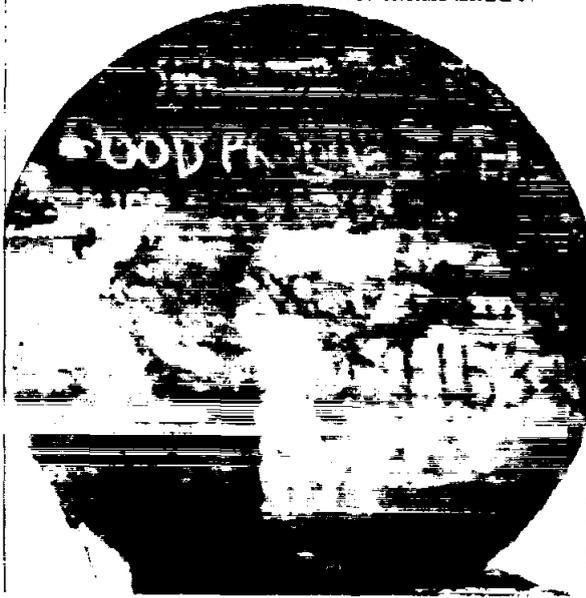


**11. Endplate cut is made on Tank #4153-4.**

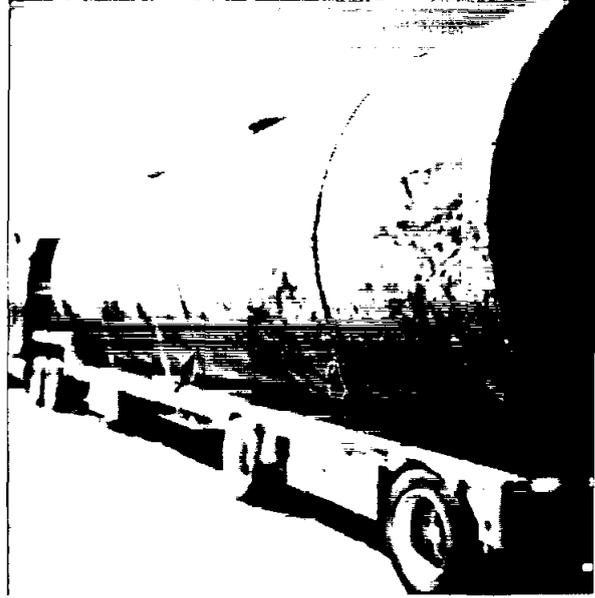


**12. Tank #4153-4 is weighed prior to final destruction.**

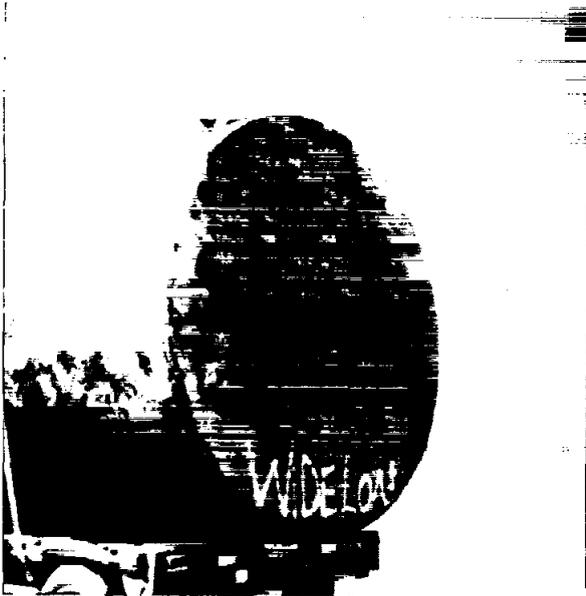
**Building 4153  
NAS Ft. Worth JRB**



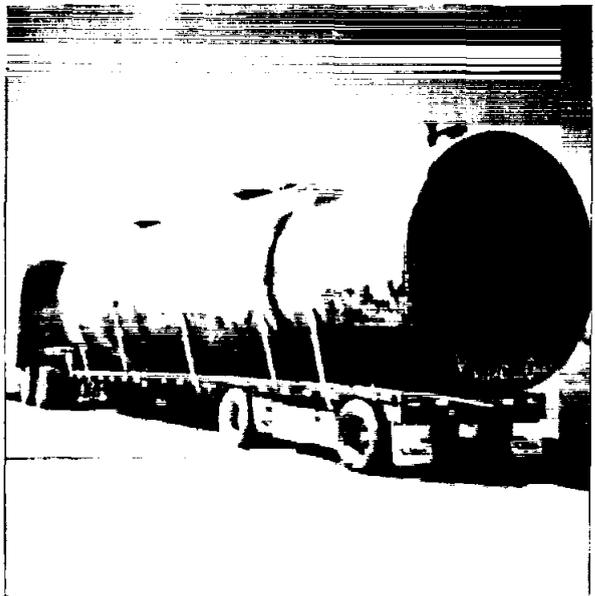
**13. Tank #4153-5 has been properly labeled.**



**14. Tank #4153-5 is loaded, secured, and ready for transport.**



**15. Tank #4153-6 has been properly labeled.**



**16. Tank #4153-6 is loaded, secured, and ready for transport.**





BROWNING-FERRIS INDUSTRIES

North Texas Landfill

3 3 7 1

5 4

Recycled paper

June 21, 1995

SEPERATION SYSTEMS CONSULTANTS INCORPORATED

NAS Fort Worth, (Carswell), Carsweel A.F.B., Fort Worth, Texas 76067

17041 El Camino Real, Suite 200

Houston, Texas 77058

Attn: Gary Morris

Re: Waste Disposal Approval

Mr. Morris:

The following waste stream has been approved by our BFI Special Waste Coordinator for disposal at our BFI Lewisville, Texas Landfill. The following may be transported at any time with the proper Manifest(s).

WASTE STREAM  
Soil Contaminated  
With Jet Fuel  
(900 Cubic Yards)

T.N.R.C.C.No.  
00483022

BFI WASTE CODE #  
TX759/960621/NT0485

If I can be of further assistance to you, please do not hesitate to call.

Sincerely,

Nick Carter  
North Texas Landfill Division



BROWNING-FERRIS INDUSTRIES

WCD No. SB 51239

BFI WASTE CODE

WASTE EVALUATION REQUEST

BFI to complete this area.

BFI Initiator: NAS Fort Worth (Carswell)
Location: Carswell AFB Fort Worth TX
Company Number: 0048-3022
Telephone: (817) 737-7237
Fax: (817) 737-7217
Date: June 19 1995
Action Requested: [ ] New Waste Approval
[ ] Up-Date Approval - Previous Number:
Disposal Site Requested:
Company Number:
Disposal Method Requested: [ ] Working Face [ ] Daily Cover
[ ] Other

WASTE CHARACTERIZATION DATA
Petroleum Contaminated Soils

IMPORTANT: This form is to be used to describe contaminated soils resulting from the release of petroleum products only and is not to be used for hazardous waste or PCB's regulated by a federal or applicable state, provincial, or local authority.

INSTRUCTIONS: A representative of the generator must complete the Waste Characterization Data (WCD) portion of this form. Please be thorough in your answers. The entire form must be completed, answers must be legibly printed in ink or typewritten, and the completed form must be signed and dated. Please attach any additional relevant information such as analytical data that will help to describe the waste and expedite its review. Use the form only one time since this form has a unique WCD number assigned.

1. GENERATOR INFORMATION

a) Generator's Name: NAS Fort Worth (Carswell)
b) Generating Facility's Address: Carswell AFB
City: Fort Worth State: TX Zip: 75067
c) Generator's Representative: Gary Morris
Title: Project Manager
Telephone: (713) 486-1943
Fax: (713) 486-7415
d) Emergency/Information Contact: Chris Lovett
Title: Project Manager
Telephone: (713) 486-1943
e) Customer's Name: SSCZ
f) Customer's Mailing Address: 17041 El Camino Real
City: Houston State: TX Zip: 77058
g) Representative: Gary Morris
Telephone: (713) 486-1943
Fax: (713) 486-7415

2. GENERAL WASTE STREAM INFORMATION

a) This waste was generated as a result of: 1) [X] UST Removal 2) [ ] AST Removal 3) [ ] Spill
b) Type of facility generating the contaminated soil: Air Force Base
c) Is this waste subject to the UST corrective action regulations under 40 CFR 280? [X] Yes [ ] No
d) Anticipated Volume: 900 [X] Cubic Yards [ ] Tons [ ] Gallons [ ] Cubic Meters [ ] Tonnes(metric)
Other: Per: [ ] Year [ ] Month [ ] Week [ ] Day [X] One Time [ ] Other
To be transported in: [X] Bulk [ ] Drums (type/size) 20 yd [ ] Other
e) Is this a "Hazardous Waste" as defined by State, Provincial, or local Regulations? [ ] Yes [X] No
If yes, enter the Waste Identification Number if one has been assigned:
f) Is this a "Special Waste", an "Industrial Process Waste", or a "Pollution Control Waste" as defined by State, Provincial, or local Regulations?
[X] Yes [ ] No If yes, enter Waste Identification Number, if one has been assigned:
g) Recommended personal protection equipment and special handling procedures: NA
h) Has a representative sample of the contaminated soil been provided to BFI? [ ] Yes [X] No



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304702

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Fort Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
FT Worth, TX, 76067 FT. Worth, TX, 76067  
 PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>Soil Contaminated Jet fuel-A</u>	<u>20</u>	<u>Y</u>
FI WASTE CODE <u>TX 759 960621 N T 0485</u>			
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
FI WASTE CODE <u>          </u>			
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
FI WASTE CODE <u>          </u>			

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedlin SIGNATURE Richard Hedlin SHIPMENT DATE 062195

### TRANSPORTER

TRUCK NO. 9812 PHONE NO. 917-831-8300  
 TRANSPORTER NAME Callion Trucking DRIVER NAME (PRINT) Frank Benitez  
 ADDRESS FT. Worth VEHICLE LICENSE NO./STATE GH 122  
 STATE TRANSPORTER ID NO.           

GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Frank Benitez SHIPMENT DATE 062195 DRIVER SIGNATURE Frank Benitez DELIVERY DATE 062195

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville TX. 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Branson SIGNATURE            SHIPMENT DATE 062195

**GENERATOR**

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft Worth, Tx. 76067 FT. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER   

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>  </u>	<u>Soil Contaminated Jet Fuel-A</u>	<u>20</u>	<u>Y</u>

BFI WASTE CODE TX 759 960621 MTC485

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>

BFI WASTE CODE   

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>

BFI WASTE CODE   

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 062195

**TRANSPORTER**

TRUCK NO. 9812 PHONE NO. 831-8300

TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) Frank Benitez

ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE GA1 122  
Ft. Worth

STATE TRANSPORTER ID NO.     
I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Frank Benitez SHIPMENT DATE 062195 DRIVER SIGNATURE Frank Benitez DELIVERY DATE 062195

**DESTINATION**

SITE NAME BFI Louisville Landfill PHONE NO. 219-4364217

ADDRESS 801 E. College Louisville, Tx 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Branson SIGNATURE Tim Branson SHIPMENT DATE 062195





# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304704

### GENERATOR

GENERATOR NAME NAS Fort Worth GENERATING LOCATION NAS FC Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
FL. Worth, Tx 76067 FL. Worth Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>Soil Contaminated Jet Fuel - A</u>	<u>20</u>	<u>Y</u>

FI WASTE CODE TX 759 960621 NT0485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

FI WASTE CODE           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

FI WASTE CODE           

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 062195

### TRANSPORTER

TRUCK NO. 8802 PHONE NO. 831 8300  
 TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) Gregory D. Ayres  
 ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE KP55 720  
FL. Worth, Tx.

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 062195 DRIVER SIGNATURE [Signature] DELIVERY DATE 062195

### DESTINATION

DESTINATION NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville, TX. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Darlene SIGNATURE [Signature] SHIPMENT DATE 062195



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304701

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth, Tx 76067 Ft. Worth, Tx 76067

PHONE NO. 713 486 1943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>Soil Contaminated jet fuel-A</u>	<u>20</u>	<u>Y</u>

BFI WASTE CODE Tx 759 960621 n T0485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

BFI WASTE CODE     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

BFI WASTE CODE     

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 062195

### TRANSPORTER

TRUCK NO. 8895 PHONE NO.       
 TRANSPORTER NAME Collier TMC DRIVER NAME (PRINT) Jess Esquivel  
 ADDRESS 4300 E. First St VEHICLE LICENSE NO./STATE RS5-727

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Jess Esquivel SHIPMENT DATE 062195 DRIVER SIGNATURE Jess Esquivel DELIVERY DATE 062195

### DESTINATION

RECEIVER NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville, Tx 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Beanson SIGNATURE Tim Beanson SHIPMENT DATE 062195



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304706

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
FT. Worth, Tx. 76067 FT. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>Soil Contaminated Jet Fuel-A</u>	<u>20</u>	<u>Y</u>
BFI WASTE CODE <u>TX 759 960621 NT0485</u>			
T.N.R.C.C.	DESCRIPTION OF WASTE		
BFI WASTE CODE			
T.N.R.C.C.	DESCRIPTION OF WASTE		
BFI WASTE CODE			

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Heslin SIGNATURE Richard Heslin SHIPMENT DATE 062195

### TRANSPORTER

TRUCK NO. 8885 PHONE NO. 831-9300  
 TRANSPORTER NAME Carrier Trucking DRIVER NAME (PRINT) Jess Esquivel  
 ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE R55727  
Ft. Worth, Tx. 76067 STATE TRANSPORTER ID NO.     

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER'S SIGNATURE [Signature] SHIPMENT DATE 062195 DRIVER SIGNATURE [Signature] DELIVERY DATE 062195

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214 4364217  
 ADDRESS 801 E. College Lewisville, Tx. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Brandon SIGNATURE [Signature] SHIPMENT DATE 062195



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304705

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth, Tx. 76067 Ft. Worth, Tx. 76067  
 PHONE NO. 213 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>Soil contaminated Jet Fuel - A</u>	<u>20</u>	<u>Y</u>
<u>TX 759 960621</u>	<u>MT0485</u>		
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Richard Hedin GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE 062195 SHIPMENT DATE

### TRANSPORTER

TRUCK NO. 8803 PHONE NO. 237-7200  
 TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) AL HARRIS  
 ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE 2DK 720  
Ft. Worth, Tx. STATE TRANSPORTER ID NO.           

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

AL Harris DRIVER SIGNATURE 062195 SHIPMENT DATE AL Harris DRIVER SIGNATURE 062195 DELIVERY DATE

### DESTINATION

SITE NAME BFT Lewisville Land Fill PHONE NO. 214 4367217  
 ADDRESS 801 E College Lewisville, Tx. 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

Tim Benson NAME OF AUTHORIZED AGENT            SIGNATURE 062195

**GENERATOR**

GENERATOR NAME NAS Fort Worth GENERATING LOCATION NAS Ft Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft Worth Tx. 76067 Ft. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.            DESCRIPTION OF WASTE Soil Contaminated Jet Fuel-A QUANTITY 20 UNITS Y  
 BFI WASTE CODE TX 759 960621 NTC485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS             
 BFI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS             
 BFI WASTE CODE           

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedlin SIGNATURE Richard Hedlin SHIPMENT DATE 062195

**TRANSPORTER**

TRUCK NO. 8803 PHONE NO. 237-7200  
 TRANSPORTER NAME COLLIER TRUCKING DRIVER NAME (PRINT) AL HARRIS  
 ADDRESS EST 1ST STREET VEHICLE LICENSE NO./STATE 2DK-720 TX  
FT WORTH TX STATE TRANSPORTER ID NO.           

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 062195 DRIVER SIGNATURE [Signature] DELIVERY DATE 062195

**DESTINATION**

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College, Lewisville, Tx. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT TIM BRANSON SIGNATURE [Signature] 062195

**GENERATOR**

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth Tx. 76067 Ft. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.      DESCRIPTION OF WASTE Soil contaminated w/ Fuel - A QUANTITY 20 UNITS Y

FI WASTE CODE Tx 759 960621 MT0485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.      DESCRIPTION OF WASTE      QUANTITY      UNITS     

FI WASTE CODE     

T.N.R.C.C.      DESCRIPTION OF WASTE      QUANTITY      UNITS     

FI WASTE CODE     

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Heatin SIGNATURE Richard Heatin SHIPMENT DATE 062295

**TRANSPORTER**

TRUCK NO. 8812 PHONE NO. 831-8300

TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) Frank Benitez

ADDRESS 4300 E. Front St. VEHICLE LICENSE NO./STATE GAN-122

Ft. Worth, Tx. STATE TRANSPORTER ID NO.     

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Frank Benitez SHIPMENT DATE 062295 DRIVER SIGNATURE Frank Benitez DELIVERY DATE 062295

**DESTINATION**

SITE NAME BFI Louisville Landfill PHONE NO. 214-4364217

ADDRESS 7211 College Lane Louisville, TX 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Dixie Darland SIGNATURE Dixie Darland 062295



# TEXAS

## NON-HAZARDOUS SPECIAL WASTE MANIFEST

367

105

NO. 304714

### GENERATOR

GENERATOR NAME NAS FT. Worth GENERATING LOCATION NAS FT. WorthADDRESS Cornwell AFB ADDRESS Cornwells AFB  
FT. Worth, TX. 76067 FT. Worth, TX. 76067PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER     T.N.R.C.C.      DESCRIPTION OF WASTE Soil Contaminated Jet Fuel-A QUANTITY 20 UNITS Y3FI WASTE CODE TX 759 960621 N T O 485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.      DESCRIPTION OF WASTE      QUANTITY      UNITS     3FI WASTE CODE     T.N.R.C.C.      DESCRIPTION OF WASTE      QUANTITY      UNITS     3FI WASTE CODE     

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Richard Hedin GENERATOR AUTHORIZED AGENT NAME      Richard Hedin SIGNATURE      062295 SHIPMENT DATE

### TRANSPORTER

TRUCK NO. 5812 PHONE NO. 831-8300TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) Frank BenitezADDRESS 4300 E. Front St. VEHICLE LICENSE NO./STATE GA1-122 TX  
FT. Worth

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Frank Benitez DRIVER SIGNATURE      062295 SHIPMENT DATE      Frank Benitez DRIVER SIGNATURE      062295 DELIVERY DATE

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214 4364217ADDRESS 801 E. College Lewisville, TX. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

DIXIE DAN NAME OF AUTHORIZED AGENT      [Signature] SIGNATURE      062295 SHIPMENT DATE

**GENERATOR**

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth, Tx. 76067 Ft. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.            DESCRIPTION OF WASTE Soil Contaminated Jet Fuel-A QUANTITY 20 UNITS Y

FI WASTE CODE TX 759 960621 NPT0485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

FI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

FI WASTE CODE           

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land-Disposal Restrictions; I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard HEDIN SIGNATURE Richard Hedrin SHIPMENT DATE 062295

**TRANSPORTER**

TRUCK NO. 8815 PHONE NO. 831-8300

TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) R. ANANTHAN

ADDRESS 4300 E. Fruit St. VEHICLE LICENSE NO./STATE RS5-746 TX

Fort Worth STATE TRANSPORTER ID NO.           

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE R. Ananthan SHIPMENT DATE 062295 DRIVER SIGNATURE R. Ananthan DELIVERY DATE 062295

**DESTINATION**

TE NAME BFI Lewisville Landfill PHONE NO. 214-4364217

ADDRESS 801 E College Lewisville, Tx. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Beanson SIGNATURE            062295

**GENERATOR**

GENERATOR NAME NAS Fort Worth GENERATING LOCATION NAS Ft. Worth  
 ADDRESS Carewell AFB ADDRESS Carewell AFB  
Fort Worth, Tx. 76067 Ft. Worth, Tx 76067  
 PHONE NO. 713 4861942 STATE GENERATOR ID NUMBER           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>Soil Contaminated Jet Fuel-A</u>	<u>20</u>	<u>Y</u>
3FI WASTE CODE <u>TX 759 960621</u>	<u>NJ 0485</u>		
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
3FI WASTE CODE <u>          </u>	<u>          </u>		
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
3FI WASTE CODE <u>          </u>	<u>          </u>		

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Richard Hedin GENERATOR AUTHORIZED AGENT NAME      Richard Hedin SIGNATURE      062295 SHIPMENT DATE

**TRANSPORTER**

TRUCK NO. 8815 PHONE NO. 831-8300  
 TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) R. GRANTHA  
 ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE R55-746 TX  
 STATE TRANSPORTER ID NO.           

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.      I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.  
           DRIVER SIGNATURE      062295 SHIPMENT DATE                 DRIVER SIGNATURE      062295 DELIVERY DATE

**DESTINATION**

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville, Tx. 75015

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.  
           NAME OF AUTHORIZED AGENT                 SIGNATURE      062295

**GENERATOR**

GENERATOR NAME NAS Ft Worth GENERATING LOCATION NAS Ft Worth  
 ADDRESS Cannell AFB ADDRESS Cannell AFB  
Ft. Worth, Tx. 76067 Ft. Worth, Tx. 76067  
 PHONE NO. 913 4861943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>Soil contaminated w/ Jet fuel A</u>	<u>20</u>	<u>Y</u>
FI WASTE CODE <u>TX 759 960621 NTO485</u>			
T.N.R.C.C. <u>    </u>	DESCRIPTION OF WASTE <u>    </u>	<u>    </u>	<u>    </u>
FI WASTE CODE <u>    </u>			
T.N.R.C.C. <u>    </u>	DESCRIPTION OF WASTE <u>    </u>	<u>    </u>	<u>    </u>
FI WASTE CODE <u>    </u>			

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard HEDIN SIGNATURE Richard Hedina SHIPMENT DATE 062296

**TRANSPORTER**

TRUCK NO. 8815 PHONE NO. 831-8300/1  
 TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) R GRANTHAM  
 ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE RSS-746  
Ft. Worth  
 STATE TRANSPORTER ID NO.       
 I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.  
 DRIVER SIGNATURE R Grantham SHIPMENT DATE 062295 DRIVER SIGNATURE R Grantham DELIVERY DATE 062295

**DESTINATION**

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4369217  
 ADDRESS 801 E. College St. Lewisville, Tx 75057  
 I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND, TO THE BEST OF MY KNOWLEDGE, THE FOREGOING IS TRUE AND ACCURATE.  
 NAME OF AUTHORIZED AGENT Dixie Darby SIGNATURE Dixie Darby DELIVERY DATE 062295



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304720

### GENERATOR

GENERATOR NAME NAS FT. Worth GENERATING LOCATION NAS FT. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
FT. Worth, Tx. 76067 FT. Worth, Tx. 76067

PHONE NO. 213 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.            DESCRIPTION OF WASTE soil contaminated jet-fuel - A QUANTITY 20 UNITS Y

3FI WASTE CODE TX 759 960621 NTC485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

3FI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

3FI WASTE CODE           

GENERATOR'S CERTIFICATION: Thereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Richard HEDIN GENERATOR AUTHORIZED AGENT NAME SIGNATURE Richard Hedon SHIPMENT DATE 062295

### TRANSPORTER

TRUCK NO. 8802 PHONE NO. 831-8300

TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) Gregg A. Less

ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE RSS-720 TX  
FT. Worth, Tx.

STATE TRANSPORTER ID NO.           

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

           DRIVER SIGNATURE SHIPMENT DATE 062295 DELIVERY DATE 062295

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217

ADDRESS 801 E. College Lewisville Tx. 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

Tim Branson NAME OF AUTHORIZED AGENT SIGNATURE            DELIVERY DATE 062295

**GENERATOR**

GENERATOR NAME MAS FT. Worth GENERATING LOCATION MAS FT. Worth  
 ADDRESS Carswell AFB ADDRESS Carswell AFB  
FT Worth, Tx. 76067 FT Worth, Tx. 76067  
 PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>          </u>	<u>Soil Contaminated w/ Fuel - A</u>	<u>20</u>	<u>Y</u>
FI WASTE CODE <u>TX 759 960621 NT0485</u>			
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
FI WASTE CODE <u>          </u>			
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
FI WASTE CODE <u>          </u>			

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue, of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedlin SIGNATURE Richard Hedlin SHIPMENT DATE 062295

**TRANSPORTER**

TRUCK NO. 3802 PHONE NO. 831-8300  
 TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) Gregory Bayless  
 ADDRESS 4300 E. First ST. VEHICLE LICENSE NO./STATE HS5-702 TX  
FT Worth  
 STATE TRANSPORTER ID NO.             
 I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.  
 DRIVER SIGNATURE [Signature] SHIPMENT DATE 062295 DRIVER SIGNATURE [Signature] DELIVERY DATE 062295

**DESTINATION**

TE NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville, Tx. 75457  
 I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.  
 NAME OF AUTHORIZED AGENT Dixie Darrin SIGNATURE [Signature] DELIVERY DATE 062295



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304713

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carewell AFB ADDRESS Carewell AFB  
Ft. Worth, Tx. 76067 Ft. Worth

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.            DESCRIPTION OF WASTE Soil contaminated Jet Fuel - A QUANTITY 20 UNITS Y

BFI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

3FI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

3FI WASTE CODE           

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 062295

### TRANSPORTER

TRUCK NO. 8895 PHONE NO. 831-8300

TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) JESS ESCOBAR

ADDRESS 4300 E. Frist SE. VEHICLE LICENSE NO./STATE RSS-727

Ft. Worth, Tx. STATE TRANSPORTER ID NO.           

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 062295 DRIVER SIGNATURE [Signature] DELIVERY DATE 062295

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217

ADDRESS 801 E. College Lewisville Tx. 75057

I HEREBY CERTIFY THAT THE ABOVE-NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Dave Parsons SIGNATURE [Signature] 062295



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304718

### GENERATOR

GENERATOR NAME NAS FT. Worth

GENERATING LOCATION NAS FT. Worth

ADDRESS Casswell AFB

ADDRESS Casswell AFB

FT. Worth, Tx. 76067

FT. Worth, Tx. 76067

PHONE NO. 713 4861943

STATE GENERATOR ID NUMBER     

T.N.R.C.C.

DESCRIPTION OF WASTE

QUANTITY

UNITS

Soil Contaminated Jet Fuel-A

20

Y

3FI WASTE CODE

TX 759 960621 NTD485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.

DESCRIPTION OF WASTE

3FI WASTE CODE

T.N.R.C.C.

DESCRIPTION OF WASTE

3FI WASTE CODE

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Richard Hedin  
GENERATOR AUTHORIZED AGENT NAME

Richard Hedin  
SIGNATURE

062295  
SHIPMENT DATE

### TRANSPORTER

TRUCK NO. 8895

PHONE NO. 831-8300

TRANSPORTER NAME Collier Trucking

DRIVER NAME (PRINT) JFS EQUIN

ADDRESS 4300 E. First ST.

VEHICLE LICENSE NO./STATE RS5-727 TX

FT. Worth

STATE TRANSPORTER ID NO.     

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

[Signature]  
DRIVER SIGNATURE

062295  
SHIPMENT DATE

[Signature]  
DRIVER SIGNATURE

062295  
DELIVERY DATE

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214-    

ADDRESS 801 E. College Lewisville, Tx. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

Tim Branson  
NAME OF AUTHORIZED AGENT

[Signature]  
SIGNATURE

062295





# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304717

### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth, Tx, 76067 Ft. Worth, Tx, 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER           

T.N.R.C.C.            DESCRIPTION OF WASTE Soil Contaminated Jet Fuel - A QUANTITY 20 UNITS Y

BFI WASTE CODE TX 759 960621 NTO485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

BFI WASTE CODE           

T.N.R.C.C.            DESCRIPTION OF WASTE            QUANTITY            UNITS           

BFI WASTE CODE           

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedlin SIGNATURE Richard Hedlin SHIPMENT DATE 062295

### TRANSPORTER

TRUCK NO. 8803 PHONE NO. 831-8300

TRANSPORTER NAME Collier Trucking DRIVER NAME (PRINT) AL HARRIS

ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE 2DK-720

Ft. Worth STATE TRANSPORTER ID NO.           

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Al Harris SHIPMENT DATE 062295 DRIVER SIGNATURE Al Harris DELIVERY DATE 062295

### DESTINATION

RECEIVER NAME BFI Lewisville Landfill PHONE NO. 214-4369217

ADDRESS 801 E. College Lewisville, Tx, 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

RECEIVER AUTHORIZED AGENT NAME Tim Beanson SIGNATURE            SHIPMENT DATE 062295



### GENERATOR

GENERATOR NAME NAS Ft. Worth GENERATING LOCATION NAS Ft. Worth

ADDRESS Carswell AFB ADDRESS Carswell AFB  
Ft. Worth, Tx. 76067 Ft. Worth, Tx. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>Soil contaminated Jet Fuel - A</u>	<u>20</u>	<u>Y</u>

FI WASTE CODE TX 759 960 621 N T O 4 8 5

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

FI WASTE CODE     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

FI WASTE CODE     

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 062295

### TRANSPORTER

TRUCK NO. 8896 PHONE NO. 831-8300

TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) David Ristau

ADDRESS 4300 E. First St. VEHICLE LICENSE NO./STATE RS5-228

Ft. Worth STATE TRANSPORTER ID NO.     

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE D. Ristau SHIPMENT DATE 062295 DRIVER SIGNATURE David Ristau DELIVERY DATE 062295

### DESTINATION

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217

ADDRESS 801 L. College Lewisville, Tx. 75057

HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Dixie D. Hedin SIGNATURE Dixie D. Hedin SHIPMENT DATE 062295



**GENERATOR**

GENERATOR NAME NAS FT Worth GENERATING LOCATION NAS FT. Worth  
 ADDRESS Casswell AFB ADDRESS Casswell AFB  
FT. Worth, TX. 76067 FT. Worth, TX. 76067

PHONE NO. 713 4861943 STATE GENERATOR ID NUMBER     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>Soil Contaminated w/ Fuel-A</u>	<u>20</u>	<u>Y</u>

FI WASTE CODE TX 759 960621 NT0485

- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

FI WASTE CODE     

T.N.R.C.C.	DESCRIPTION OF WASTE	QUANTITY	UNITS
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

FI WASTE CODE     

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Medina SIGNATURE Richard Medina SHIPMENT DATE 062395

**TRANSPORTER**

TRUCK NO. 8895 PHONE NO. 831-8300  
 TRANSPORTER NAME Collins Trucking DRIVER NAME (PRINT) Jess Equivel  
 ADDRESS 4300 E First ST. VEHICLE LICENSE NO./STATE RSS-727 TX  
FT. Worth STATE TRANSPORTER ID NO.     

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE Jess Equivel SHIPMENT DATE 062395 DRIVER SIGNATURE Jess Equivel DELIVERY DATE 062395

**DESTINATION**

SITE NAME BFI Lewisville Landfill PHONE NO. 214-4364217  
 ADDRESS 801 E. College Lewisville, Tx. 75057

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT Tim Branson SIGNATURE Tim Branson 062395



# TEXAS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NO. 304722

### GENERATOR

GENERATOR NAME NAS Ft. Worth  
ADDRESS Cannell AFB  
FT. Worth, TX. 76067

GENERATING LOCATION NAS Ft Worth  
ADDRESS Cannell AFB  
FT. Worth, TX. 76067

PHONE NO. 

7	1	3	4	8	6	1	9	4	3
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STATE GENERATOR ID NUMBER 

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T.N.R.C.C. 

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 DESCRIPTION OF WASTE soil contaminated Jet Fuel - A QUANTITY 

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 20 UNITS 

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 Y  
WASTE CODE 

T	X	7	5	9	9	6	0	6	2	1	N	T	0	4	8	5
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- D-DRUM
- C-CARTON
- B-BAG
- T-TRUCK
- P-POUNDS
- Y-YARDS
- O-OTHER

T.N.R.C.C. 

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 DESCRIPTION OF WASTE 

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 QUANTITY 

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 UNITS 

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 WASTE CODE 

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T.N.R.C.C. 

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 DESCRIPTION OF WASTE 

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 QUANTITY 

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 UNITS 

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 WASTE CODE 

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GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

GENERATOR AUTHORIZED AGENT NAME Richard Hedin SIGNATURE Richard Hedin SHIPMENT DATE 

0	6	2	2	9	5
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### TRANSPORTER

TRUCK NO. 8803 PHONE NO. 831-8300  
TRANSPORTER NAME Callier Trucking DRIVER NAME (PRINT) AL HARRIS  
ADDRESS 4300 E. Fruit St. VEHICLE LICENSE NO./STATE 2DK-720 TX  
Ft. Worth, TX. STATE TRANSPORTER ID NO. \_\_\_\_\_

GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.  
DRIVER SIGNATURE Al Harris SHIPMENT DATE 

0	6	2	2	9	5
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 DRIVER SIGNATURE Al Harris DELIVERY DATE 

0	6	2	2	9	5
---	---	---	---	---	---

### DESTINATION

NAME BFI Lewisville Landfill PHONE NO. 

2	1	4	4	3	6	4	2	1	7
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ADDRESS 801 E. College Lewisville, TX. 75057

GENERATOR CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.  
AUTHORIZED AGENT SIGNATURE TIM BEANSON SIGNATURE Tim Beanson SHIPMENT DATE 

0	6	2	3	9	5
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NO. 10029



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(917) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

PO10K90100P950025

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CARSWELL AFB Building 41531  
 ADDRESS 13. WORTH, TEXAS 76133 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_ MUNICIPAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 5000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME X ALVIN D. BROWN  
(print)  
Alvin D. Brown  
(GENERATOR/REPRESENTATIVE SIGNATURE)  
May 19/95 12:30  
(DATE SERVICED AND TIME SERVICED)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DRAWER J JACKSBORO TEXAS TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5,000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME X WES SIMS  
(print)  
Wes Sims  
(DRIVER SIGNATURE)  
May 4/95 1:30  
(DATE AND TIME WASTE TRANSPORTED)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICES, INC.  
 ADDRESS 6401 P. BRADLEY WALKER CITY, TX 76117 TELEPHONE 817-479-4039  
 TDH PERMIT NO. 439061

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME X RONALD E. HENLEY  
(print)  
Ronald E. Henley  
(SITE OPERATOR SIGNATURE)  
05/14/95 3:00 pm  
(DATE AND TIME WASTE RECEIVED)



P.O. DRAWER J  
 JACKSBORO, TEXAS 76458  
 (817) 567-2677  
 1-800-772-0868

2615 CARTWRIGHT  
 DALLAS, TEXAS 75212-4307  
 PHONE: (214) 638-6238  
 1-800-772-0868



NO. 10134

**LIQUID WASTE TRANSPORTATION TRIP TICKET**

P.O. 10K70100P950025

**GENERATOR INFORMATION  
 (MUST BE COMPLETED BY GENERATOR)**

BUSINESS NAME JACOBS CITY GROUP  
 ADDRESS Box 53495 Houston, Texas 77052 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
Ft. Worth, Texas \_\_\_\_\_ GRIT TRAP \_\_\_\_\_ MUNICIPAL WASTE WATER \_\_\_\_\_  
76127 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 5000 GALLONS \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME x ALVIN D. BROWN  
 (DATE SERVICED AND TIME SERVICED) MAY 4/95 12:30 (GENERATOR/REPRESENTATIVE SIGNATURE) Alvin D. Brown

**TRANSPORTER INFORMATION  
 (MUST BE COMPLETED BY TRANSPORTER)**

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS Drawer J Jacksboro, Texas TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME x JOEY DUNN  
 (DATE AND TIME WASTE TRANSPORTED) MAY 4/95 1:30 (DRIVER SIGNATURE) Joey Dunn

**DISPOSAL INFORMATION  
 (MUST BE COMPLETED BY DISPOSER)**

BUSINESS NAME EFFLUENT TREATMENT SERVICES, INC.  
 ADDRESS 6401 P. BRADLEY HALTOM CITY, TX 76117 TELEPHONE (817) 429-4039  
 TDH PERMIT NO. #39061

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME x DONSAN E. HENLEY  
 (DATE AND TIME WASTE RECEIVED) 05/04/95 4:00 pm (SITE OPERATOR SIGNATURE) Donsan E. Henley



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CARSWELL AFB Building 4453  
ADDRESS FT. WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
\_\_\_\_\_ GRIT TRAP \_\_\_\_\_ 140 ✓ MUNICIPAL WASTE WATER \_\_\_\_\_  
\_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_ ~~\_\_\_\_\_~~ INDUSTRIAL WASTE WATER \_\_\_\_\_  
\_\_\_\_\_ OTHER \_\_\_\_\_  
WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME x ALVIN D. BROWN  
May 11/95 / 1445 (DATE SERVICED AND TIME SERVICED) Alvin D Brown (GENERATOR/REPRESENTATIVE SIGNATURE)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
ADDRESS DEANIE J JACKSBORO, TEXAS 76458 TELEPHONE 817 567 2677  
TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO \_\_\_\_\_  
GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME x DR PEDEN  
May 11/95 1516 (DATE AND TIME WASTE TRANSPORTED) D R Peden (DRIVER SIGNATURE)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC.  
ADDRESS 6401 PISCAGOKEY, HALTOM CITY, TEXAS TELEPHONE 817-429-4039  
TDH PERMIT NO. 39061 46117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME x Michael W. Martin  
May 11/95 / 1702 (DATE AND TIME WASTE RECEIVED) Michael W. Martin (SITE OPERATOR SIGNATURE)



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CANISWELL AFB Building 4153  
 ADDRESS FT WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME x ALVIN D. BROWN  
(print)  
Alvin D. Brown  
(GENERATOR/REPRESENTATIVE SIGNATURE)  
MAY 11/95 / 1445  
(DATE SERVICED AND TIME SERVICED)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DEWITT J. JACKSON, TEXAS 76458 TELEPHONE 817-5672677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME x ROLAND SHULTZ  
(print)  
Roland H. Schultz  
(DRIVER SIGNATURE)  
MAY 11/95 1615  
(DATE AND TIME WASTE TRANSPORTED)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC.  
 ADDRESS 1701 P. BARDLEY, HALTAM SPRING, TEXAS TELEPHONE 817-4794039  
 TDH PERMIT NO. 39061 76118

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME x MICHAEL W. MARTIN  
(print)  
Michael W. Martin  
(SITE OPERATOR SIGNATURE)  
MAY 11/95 / 1702  
(DATE AND TIME WASTE RECEIVED)



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CASWELL AFB (4153 Building)  
 ADDRESS FT. WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTIC TANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME x ALVIN D. BROWN  
(print)  
Alvin D. Brown  
(GENERATOR/REPRESENTATIVE SIGNATURE)  
MAY 17/95/0930  
(DATE SERVICE AND TIME SERVICED)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DRAWER J JACKSBORO TEXAS 76458 TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. # 7  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME x DR PEDEN  
(print)  
DR Peden  
(DRIVER SIGNATURE)  
MAY 17/95/0945  
(DATE AND TIME WASTE TRANSPORTED)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC  
 ADDRESS 6401 P BRAKLEY HALLEN CITY, TEX TELEPHONE 817-429-4039  
 TDH PERMIT NO. 96117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME x DONSAN E. HENLEY  
(print)  
Donsan E. Henley  
(SITE OPERATOR SIGNATURE)  
MAY 17/95 10:45 AM  
(DATE AND TIME WASTE RECEIVED)



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CASWELL AFB Building 4153  
ADDRESS FT. WORTH, TEXAS 76129 TELEPHONE \_\_\_\_\_  
WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
\_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER  
\_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER  
\_\_\_\_\_ OTHER \_\_\_\_\_  
WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME  ALVIN D. BROWN  
(print) Alvin D. Brown  
(GENERATOR/REPRESENTATIVE SIGNATURE)  
DATE SERVICED AND TIME SERVICED MAY 12/95/0830

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
ADDRESS DRAWER J JACKSBORO, TEXAS TELEPHONE 817-567-2677  
TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME  JOEY DUNN  
(print) Joey Dunn  
(DRIVER SIGNATURE)  
DATE AND TIME WASTE TRANSPORTED: MAY 12/95/0945

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC  
ADDRESS 6401 P. BRADLEY, HALTOM CITY, TEXAS TELEPHONE 817 429 4039  
TDH PERMIT NO. 39061 76118

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME  DORIAN E. HEALY  
(print) Dorian E. Healy  
(SITE OPERATOR SIGNATURE)  
DATE AND TIME WASTE RECEIVED: MAY 12/95 10:45 AM



P.O. DRAWER J  
 JACKSBORO, TEXAS 76458  
 (817) 567-2677  
 1-800-772-0868

2615 CARTWRIGHT  
 DALLAS, TEXAS 75212-4307  
 PHONE: (214) 638-6238  
 1-800-772-0868



NO.

**LIQUID WASTE TRANSPORTATION TRIP TICKET**

**GENERATOR INFORMATION  
 (MUST BE COMPLETED BY GENERATOR)**

BUSINESS NAME CARSWELL AFB Building 4153  
 ADDRESS FT WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME X Orlan Long  
 (DATE SERVICED AND TIME SERVICED) MAY 15/95 830AM (GENERATOR/REPRESENTATIVE SIGNATURE) [Signature]

**TRANSPORTER INFORMATION  
 (MUST BE COMPLETED BY TRANSPORTER)**

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DRAWER J JACKSBORO, TEXAS TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME X Wesley Sims  
 (DATE AND TIME WASTE TRANSPORTED) MAY 15-95 940AM (DRIVER SIGNATURE) [Signature]

**DISPOSAL INFORMATION  
 (MUST BE COMPLETED BY DISPOSER)**

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC  
 ADDRESS 6401 BRADLEY, WILTON, CITY, TEXAS TELEPHONE 817-429-4039  
 TDH PERMIT NO. 39061 76117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME X DONALD E. HENLEY  
 (DATE AND TIME WASTE RECEIVED) 5/15/95 12:00pm (SITE OPERATOR SIGNATURE) [Signature]



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CASWELL AFB Buildings 4153  
 ADDRESS FT WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_ INDUSTRIAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME x Olen Long  
(print)  
May 15/95 8:20 AM Olen Long  
(DATE SERVICED AND TIME SERVICED) (GENERATOR/REPRESENTATIVE SIGNATURE)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEERTANK TRUCKS, INC.  
 ADDRESS DRAWER J, JACKSBORO, TEXAS 76458 TELEPHONE 817-5672677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME x D.R. Peden  
(print)  
5-15-95 9:20 AM D.R. Peden  
(DATE AND TIME WASTE TRANSPORTED) (DRIVER SIGNATURE)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC  
 ADDRESS 6401 P Bradley, Haldon City, TEXAS TELEPHONE 817-4294029  
 TDH PERMIT NO. 390611 76117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME x DONALD E. HENLEY  
(print)  
5/15/95 12:55 PM Donald E. Henley  
(DATE AND TIME WASTE RECEIVED) (SITE OPERATOR SIGNATURE)



P.O. DRAWER J  
JACKSBORO, TEXAS 76458  
(817) 567-2677  
1-800-772-0868

2615 CARTWRIGHT  
DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME Calswell AFB Building 4153  
 ADDRESS FT WORTH, TEXAS 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_ INDUSTRIAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME  MICHAEL J. Botwin  
(print)  
MAY 23/95 0800 AM Michael J. Botwin  
(DATE SERVICED AND TIME SERVICED) (GENERATOR/REPRESENTATIVE SIGNATURE)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DRAWER J, JACKSBORO TEXAS 76458 TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME  Wes Sims  
(print)  
5-23-95 0935 AM Wes Sims  
(DATE AND TIME WASTE TRANSPORTED) (DRIVER SIGNATURE)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

BUSINESS NAME EFFLUENT TREATMENT SERVICE INC.  
 ADDRESS 1401 P. BRADY HARBOR CT TELEPHONE 817-429-4039  
 TDH PERMIT NO. 39061 TEXAS, 76117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME  ROY GUYER  
(print)  
5-23-95 Roy Guyer  
(DATE AND TIME WASTE RECEIVED) (SITE OPERATOR SIGNATURE)



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JACKSBORO, TEXAS 76458  
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DALLAS, TEXAS 75212-4307  
PHONE: (214) 638-6238  
1-800-772-0868



### LIQUID WASTE TRANSPORTATION TRIP TICKET

#### GENERATOR INFORMATION (MUST BE COMPLETED BY GENERATOR)

BUSINESS NAME CARSWELL AFB Building 4153  
 ADDRESS Ft. Worth, Texas 76127 TELEPHONE \_\_\_\_\_  
 WASTE REMOVED FROM \_\_\_\_\_ GREASE TRAP \_\_\_\_\_ SEPTICTANK \_\_\_\_\_  
 \_\_\_\_\_ GRIT TRAP \_\_\_\_\_  MUNICIPAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ CHEMICAL/PORTABLE TOILET \_\_\_\_\_  INDUSTRIAL WASTE WATER \_\_\_\_\_  
 \_\_\_\_\_ OTHER \_\_\_\_\_  
 WASTE TANK OR TRAP CAPACITY 15000 GALLONS

I certify that the waste material removed from the above premises contains no hazardous materials.

GENERATOR/REPRESENTATIVE NAME  MICHAEL J. Botwin  
(print)  
May 23/95 08:00 Michael J. Botwin  
(DATE SERVED AND TIME SERVED) (GENERATOR/REPRESENTATIVE SIGNATURE)

#### TRANSPORTER INFORMATION (MUST BE COMPLETED BY TRANSPORTER)

BUSINESS NAME GEER TANK TRUCKS, INC.  
 ADDRESS DRAWER J, JACKSBORO, TEXAS 76458 TELEPHONE 817-567-2677  
 TNRCC REGISTRATION NO. 21754 VEHICLE PERMIT - NO. \_\_\_\_\_  
 GALLONS REMOVED 5000

I certify that the information provided above is correct, and that only the waste certified for removal by the generator is contained in the servicing vehicle. I am aware that falsification of this trip ticket may result in revocation of my Liquid Waste Transportation Permit, and/or criminal prosecution.

DRIVER NAME  D.R. Pedan  
(print)  
5-23-95 10:55 D.R. Pedan  
(DATE AND TIME WASTE TRANSPORTED) (DRIVER SIGNATURE)

#### DISPOSAL INFORMATION (MUST BE COMPLETED BY DISPOSER)

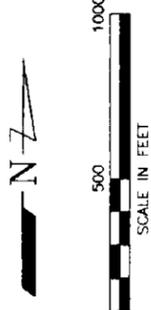
BUSINESS NAME EFFLUENT TREATMENT SERVICE INC.  
 ADDRESS 6401 P. BRADLEY, HUNTER CRY TEXAS TELEPHONE 817-429-4039  
 TDH PERMIT NO. 39061 76117

I certify that I have been authorized by the Texas Department of Health to accept the above specified waste and that I have disposed of the waste in accordance with the requirements outlined in that authorization.

SITE OPERATOR NAME  RAY GUYER  
(print)  
5-23-95 Ray Guyer  
(DATE AND TIME WASTE RECEIVED) (SITE OPERATOR SIGNATURE)

**LEGEND**

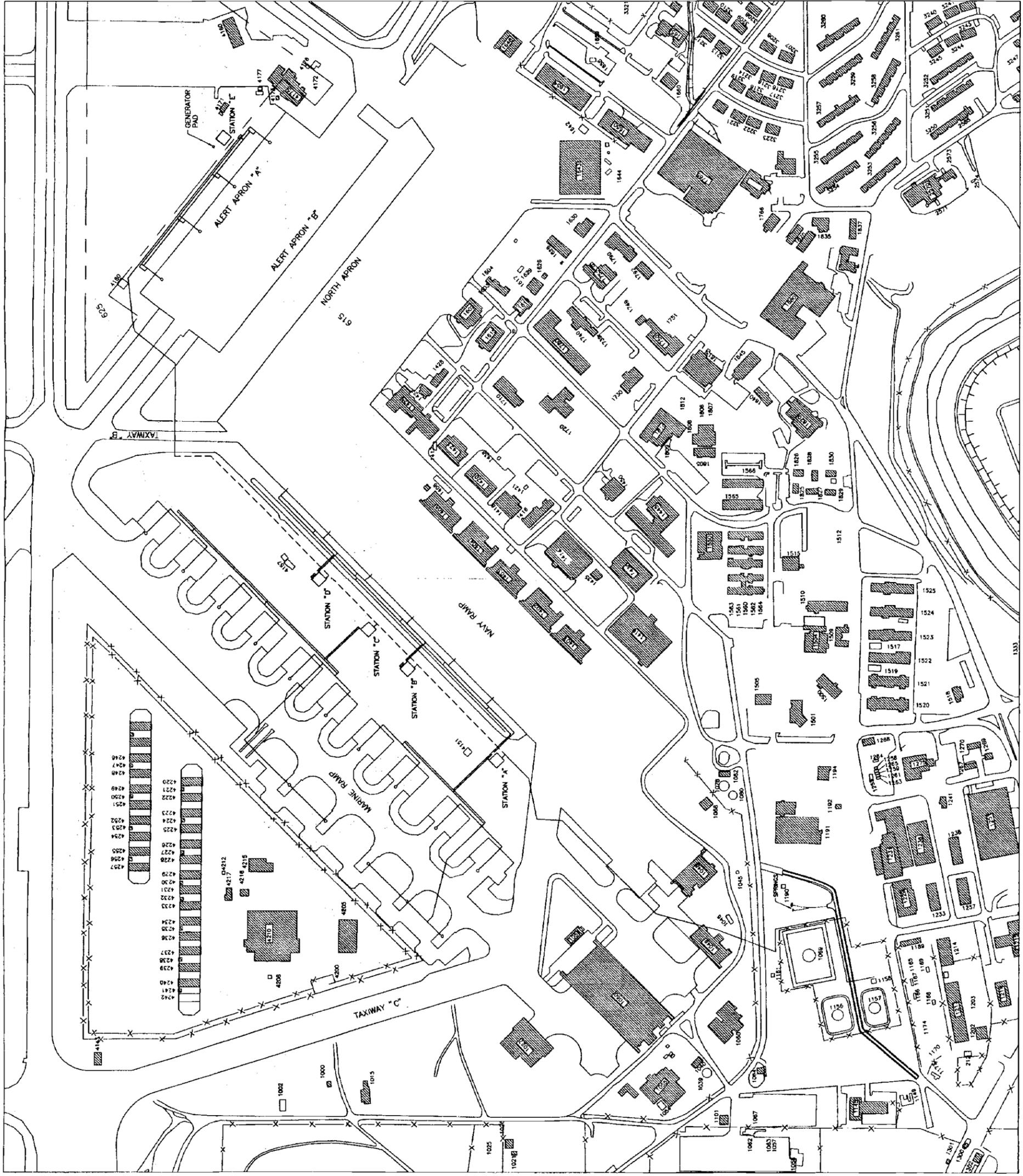
- FUEL DISTRIBUTION SYSTEM PIPELINE, ABANDONED IN PLACE BY GROUTING
- - - FUEL DISTRIBUTION SYSTEM PIPELINE PREVIOUSLY REMOVED OR REMOVED DURING JUNE 1995 ACTIVITIES
- FUEL DISTRIBUTION SYSTEM HYDRANT
- ▒ BUILDING
- 615 TOPOGRAPHIC CONTOUR
- ~ INTERMITTENT STREAM



CONTOUR INTERVAL = 10 FEET

NAS FORT WORTH JRB  
 CARSWELL FIELD  
 FUEL HYDRANT SYSTEM PIPELINE  
 FOLLOWING REMOVAL/ABANDONMENT, JUNE 1995

PROJ. NO.	10-K-70100	DATE	6/26/95
DESIGNER	L. SCHUETTER	FIGURE NO.	PLATE 1
DRAWN BY	J. HUNTER	FIGURE NO.	PLATE 1



**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**