

**Closure Report
For the UST Site 3803
Tinker Air Force Base, Oklahoma**

**Facility Number 55-08120
Case Number 064-1352**



**Contract F34650-93-D-0106
Delivery Order 5017**

**Department of the Air Force
Oklahoma City Air Logistics Center
Tinker Air Force Base**

December 1999

**CLOSURE REPORT
FOR THE UST SITE 3803
TINKER AIR FORCE BASE, OKLAHOMA**

Facility Number 55-08120

Case Number 064-1352

December 1999

Prepared for

**DEPARTMENT OF THE AIR FORCE
OKLAHOMA AIR LOGISTICS CENTER
TINKER AIR FORCE BASE**

Prepared by

**PARSONS ENGINEERING SCIENCE, INC.
MIDWEST CITY, OKLAHOMA**

Contract F34650-93-D-0106

Delivery Order 5017

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ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFCEE	Air Force Center for Environmental Excellence
ASTM	American Society for Testing and Materials
bgs	below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylene
COC	Chemicals of concern
°F	degrees Fahrenheit
DD	Decision document
DRO	Diesel range organics
ERPIMS	Environmental Resources Program Information Management System
GRO	Gasoline range organics
HSZ	Hennessey saturated zone
ISC	Initial Site Characterization
ISGC	Investigation for Soil and Groundwater Cleanup
IT	IT Corporation
LSZ	Lower saturated zone
msl	mean sea level
OAC	Oklahoma Administrative Code
OCC	Oklahoma Corporation Commission
ORBCA	Oklahoma Risk-Based Corrective Action
Parsons ES	Parsons Engineering Science
PZ	Producing zone
RBCA	Risk based corrective action
RBSLs	Risk based screening levels
Tetra Tech	Tetra Tech, Inc.
TPH	Total petroleum hydrocarbons
USDA	United States Department of Agriculture
UST	Underground storage tanks
USZ	Upper saturated zone

SECTION 1

INTRODUCTION

This decision document (DD) supports the no further action alternative for the Underground Storage Tank (UST) Site 3803 at Tinker Air Force Base (AFB), Oklahoma. The purpose of the DD is to summarize the existing data for the site and to describe the Air Force's rationale for selecting the no-further-action alternative. The objectives of the DD for UST Site 3803 are:

1. To briefly describe the location, history, and environmental setting of the site;
2. To summarize the results from previous investigations; and
3. To assess the risk to human health and the environment.

Data used to support the no action alternative for this site was obtained from the UST Site 3803 Oklahoma Risk-Based Corrective Action (ORBCA) Assessment Report (Parsons ES, 1996).

1.1 SITE LOCATION AND DESCRIPTION

Tinker AFB is located in Oklahoma County in central Oklahoma, approximately 8 miles southeast of downtown Oklahoma City. Figure 1.1 shows the location of Tinker AFB. The base is bounded by Sooner Road to the west, Douglas Boulevard to the east, Interstate 40 to the north, and Southeast 74th Street to the south.

Tinker AFB was established in 1941 as an aircraft maintenance and supply depot, comprising 1,460 acres. Land has been acquired to the west, east, and south. This land has been used over the years for additional depot facilities, support facilities, military housing and recreational facilities. Apart from the main Base, Tinker AFB operates six satellite areas. As of 1999, the base encompasses 5,277 acres and contains approximately 747 buildings. Tinker AFB presently serves as a worldwide repair depot for a variety of aircraft, weapons, and engines.

UST Site 3803 is located on the southeast side of Tinker AFB west of Douglas Blvd, approximately one-half mile north of Interstate 240. No residences or commercial buildings are located within 500 feet of the site. The pumphouse (Building 3803) for Tinker AFB water supply well number 26 is located on the site. UST 3803 was a 500-gallon tank installed adjacent to Building 3803 and used for diesel fuel storage. The tank was installed in 1945, abandoned in 1989, and removed in 1991. Base supply well No. 26 is still an active water supply well for Tinker AFB. The site was evaluated in accordance with applicable requirements of the Oklahoma Administrative Code (OAC) 165:25-3 under Oklahoma Corporation Commission (OCC) case number 064-1352. Figure 1.2 shows the site location and surrounding buildings.

1.1.1 Adjacent Land Uses

The site is located just west of Douglas Blvd approximately one-half mile north of Interstate 240. The surrounding area is undeveloped. All of the off-base property adjoining the site is currently zoned R-1 (residential) by the City of Oklahoma City. No residences or commercial buildings are located within 500 feet of the site. Undeveloped commercial property is located one-half mile south and east of the site (Parsons ES, 1996).

1.1.2 Nearby Population

UST Site 3803 is located in an undeveloped area of Tinker AFB. No occupied commercial buildings are located within one-half mile of the site. The nearest residence is located off-base approximately 3,800 feet northeast in a rural setting. The nearest on-base population consists of Air Force personnel located in base housing facilities approximately three miles northwest of the site. The base has 7 dormitories and 730 family housing units.

1.1.3 Surface and Groundwater Resources

Tinker AFB is located within the Central Redbed Plains section of the Central Lowland Physiographic province. Oklahoma County elevations range from about 850 feet to 1,400 feet above mean sea level (msl). The topography is characterized by near level to gentle rolling hills, broad flat plains, and well-entrenched main streams. Secondary stream valleys may exhibit a sag and swale appearance indicating erosion of the residual soil. The ground

surface at Tinker AFB varies in elevation from approximately 1,320 feet msl in the southeastern portion of the base to 1,190 feet msl in the northwestern portion of the base. Local relief is primarily the result of dissection by erosional activity and/or stream channel development (Parsons ES, 1999).

The surface drainage on Tinker AFB is accomplished by overland flow of runoff to diversion structures, which then flows to area surface streams. Figure 1.3 shows the surface water drainage paths at Tinker AFB. Surface hydrology for Tinker AFB is dominated by Crutch Creek, Kuhlman Creek, Soldier Creek, and Elm Creek. Both Soldier Creek and Crutch Creek are perennial streams. Soldier Creek, which would be intermittent at the base under natural conditions, is perennial due to discharges from the drainage feature and cooling towers associated with Building 3001. Soldier Creek flows into Crutch Creek, which discharges into the North Canadian River located approximately six miles north of Tinker AFB. Crutch Creek and a tributary, Kuhlman Creek, drain most of the base. The northeastern portion of the base is drained by Soldier Creek, and the extreme southeastern portion of the base is drained by Elm Creek. A tributary of Elm Creek borders the site to the south and east. Elm Creek is part of the Lake Stanley Draper watershed. Elm Creek and one small unnamed stream cross installation boundaries south of the main instrument runway, and generally they do not receive significant quantities of base runoff due to site grading that is designed to preclude such drainage. Elm Creek discharges into Stanley Draper Lake, which is located less than one mile south of the southeastern border of the base (Parsons ES, 1999).

An important source of potable groundwater in the Oklahoma City metropolitan area is the central Oklahoma aquifer system, which extends under much of central Oklahoma and includes water in the Garber Sandstone and Wellington Formation. The Garber Sandstone and the Wellington Formation portions of the central Oklahoma aquifer system are commonly referred to as the "Garber-Wellington aquifer" and are considered to comprise a single aquifer because these units were deposited under similar conditions. The nearby communities of Midwest City and Del City derive their water supplies from surface sources, but have wells using the aquifer in the event of an emergency. Industrial

operations, individual homes, farm irrigation, and small communities not served by municipal distribution systems also depend on the Garber-Wellington aquifer. Several communities whose primary water source is surface water, such as Oklahoma City, maintain a well system drilled into the Garber-Wellington as a standby source of water in the event of drought (Parsons ES, 1999).

Tinker AFB lies within the limits of the Garber-Wellington groundwater basin. At the present time, Tinker AFB derives most of its water supply from this aquifer and supplements the supply by purchasing from the Oklahoma City Water Department. Tinker AFB water supply well number 26 is located at UST Site 3803. The well is located within pumphouse number 3803 and is still being used to extract groundwater for drinking water purposes on Tinker AFB (Parsons ES, 1996).

1.2 SITE HISTORY AND ENFORCEMENT ACTIVITIES

1.2.1 History

UST 3803 was installed in 1945 as a diesel fuel supply tank for Tinker AFB water well No. 26. The tank was removed from service in July 1989. The tank was excavated in July 1991. In September 1994, an initial investigation of the site was conducted. Two soil borings were installed to 14 feet below ground surface (bgs). Staining and strong fuel odor was present in samples collected from 10.4 - 11.2 feet bgs. Laboratory results indicated that a soil sample collected east of Building 3803 contained 34.5 mg/kg of gasoline range organics (GRO) total petroleum hydrocarbons (TPH). No analysis for benzene, toluene, ethylbenzene, or xylene (BTEX) was conducted on the sample. A groundwater grab sample collected from a soil boring contained 0.181 mg/l of GRO TPH and 0.457 mg/l of diesel range organic (DRO) TPH (Parsons ES, 1996).

An Initial Site Characterization (ISC) investigation was conducted in 1995. During this investigation, two additional soil borings were installed at the site. A soil sample collected from boring B3 (10.5 to 11 feet bgs) contained 0.045 mg/kg benzene, 0.36 mg/kg toluene, 0.36 mg/kg ethylbenzene, and 1.26 mg/kg xylenes. TPH GRO was detected at

1,466 mg/kg in the same sample. A groundwater grab sample collected from B3 contained 5 mg/l of TPH GRO. TPH DRO and BTEX were not detected (Parsons ES 1996).

In June 1996, an Investigation for Soil and Groundwater Cleanup (ISGC) was conducted. Seven soil borings and four monitoring wells were installed at the site. Soil and groundwater samples were collected and analyzed for BTEX and TPH (GRO and DRO). BTEX was not detected in any of the soil samples. GRO was detected in 7 soil samples ranging from 0.0066 mg/kg to 0.139 mg/kg. DRO was detected in one soil sample (106 mg/kg). Concentrations of BTEX were not detected in any of the groundwater samples. GRO TPH was detected in MW 2-235 at 0.0094 mg/l. DRO TPH was not detected in any of the groundwater samples (Parsons ES, 1996).

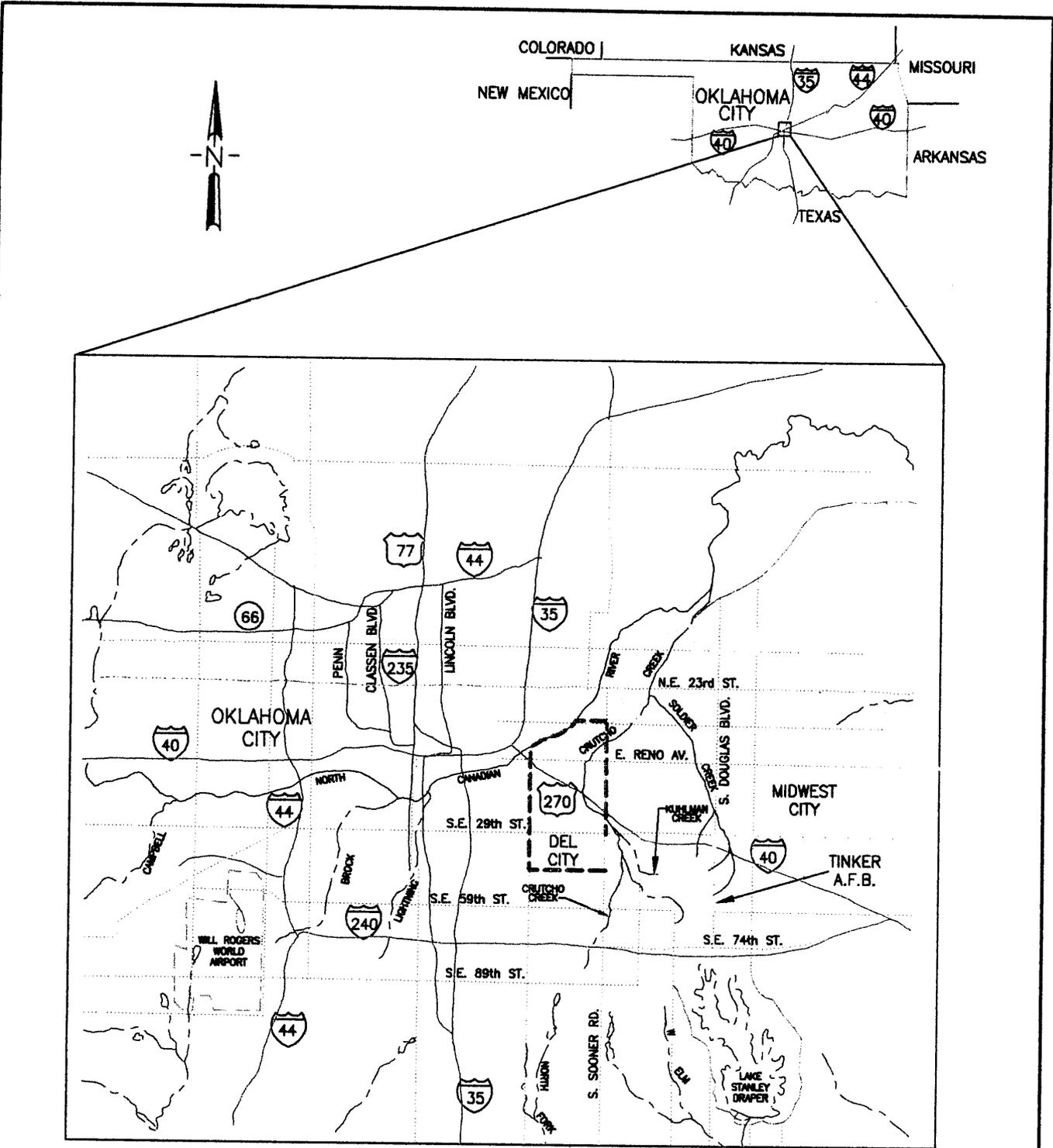
In accordance with OAC 25-3-74, an ORBCA Tier 1/1A review of the site was performed in 1996. ORBCA assessments are conducted in conformance with American Society for Testing and Materials (ASTM) Method E1739 for Risk Based Corrective Action (RBCA). The investigation of the soil and groundwater at the site indicated that subsurface contamination was below laboratory detection limits or did not exceed the Tier 1/1A levels for fuel compounds regulated by the OCC. The ORBCA Report recommended closure of the site in accordance with Tier 1/1A closure guidelines (Parsons ES, 1996).

1.2.2 Regulatory Agency Activities

Following review of the UST Site 3803 ORBCA Report (Parsons ES, 1996), the OCC concluded that no further action was required and closed the case on October 7, 1999 in accordance with OAC 165:25-3-79. In summary, all OCC comments and requirements were implemented or fulfilled for this site.

1.3 COMMUNITY PARTICIPATION

There has been no community involvement in the ORBCA investigation conducted at UST Site 3803 at Tinker AFB, Oklahoma.



- LEGEND
- HIGHWAY OR INTERSTATE
 - MAJOR ROAD
 - RIVER OR CREEK
 - - - - MUNICIPAL BOUNDARIES
 - - - - TINKER AFB

FIGURE 1.1

TINKER AIR FORCE BASE
LOCATION MAP

TINKER A.F.B., OKLAHOMA

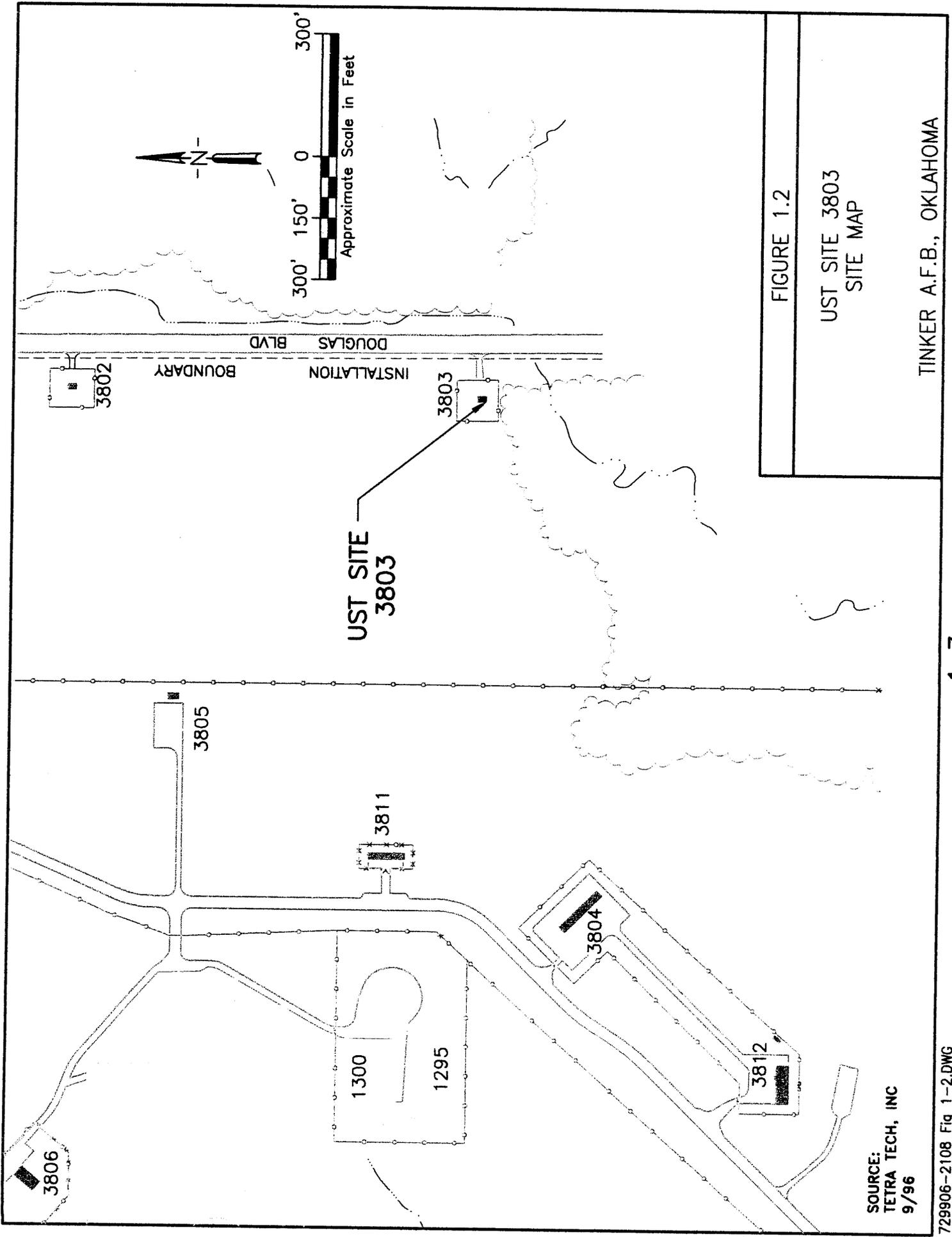


FIGURE 1.2
 UST SITE 3803
 SITE MAP
 TINKER A.F.B., OKLAHOMA

SOURCE:
 TETRA TECH, INC
 9/96

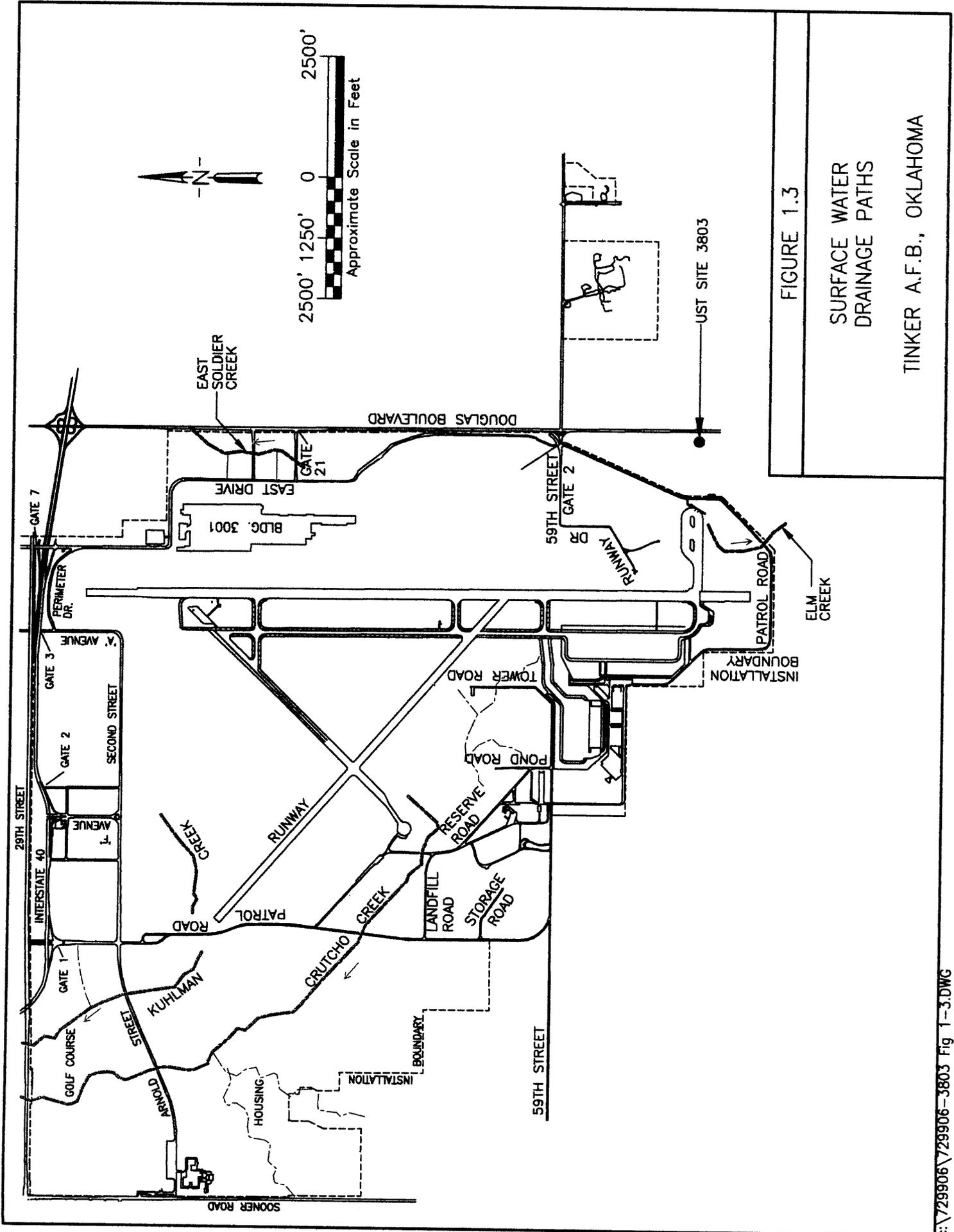


FIGURE 1.3

SURFACE WATER
DRAINAGE PATHS

TINKER A.F.B., OKLAHOMA

SECTION 2

CURRENT SITE STATUS

2.1 CLIMATOLOGY

The climate at Tinker AFB is characterized by long, hot summers (occasional droughts of varying duration occur), and comparatively mild winters. During the summer months, average daily temperatures range from approximately 66 to 94 degrees Fahrenheit (°F). During the winter months, average daily temperatures range from approximately 26 to 54°F. Maximum precipitation generally occurs in May, and the average annual precipitation for the region is 40.45 inches. The average evaporation rate is approximately 50 inches. The prevailing wind direction is southerly. However, northerly and southerly winds occur with about equal frequency from December to March. The average monthly wind speed varies from 12 miles per hour in July and August to 16 miles per hour in March and April. Strong, gusty winds occur with thunderstorms and low-pressure systems that migrate from west to east during winter and spring. Severe storms occur more frequently in the spring, but can occur in any month of the year (Parsons ES, 1999).

2.2 GEOLOGY AND SOIL

The uppermost subsurface (bedrock) geologic units at Tinker AFB consist of, in descending order, the Hennessey Group, the Garber Sandstone, and the Wellington Formation. The bedrock units are comprised of a sequence of sandstones, siltstones, and shales. These formations are about 900 feet thick.

The stratigraphy of the site consists of loose sediments to a depth of approximately 11.5 feet. Silty clay is predominate from the surface to approximately 1.5 bgs. Sandy silts and silty sands are interbedded from approximately 1.5 to 11.5 feet bgs. Between 11.5 feet bgs to approximately 20 feet bgs, the subsurface is predominately very fine to medium grained sandstones that are weakly-cemented to well-cemented. The sandstone is

interbedded with thin layers of sands and silty sands. The site lies near the contact of the Hennessey and Garber Formations (Parsons ES, 1996).

2.2.1 Soil Contamination

Analytical data from 18 soil samples collected during investigations of this area has revealed that the magnitude of contamination at this site is low. Figure 2-1 illustrates the locations of all the soil borings installed at UST Site 3803 (Parsons ES, 1996).

Soil samples collected in the ISC and ISGC were analyzed for BTEX and TPH (GRO and DRO). This data was submitted to the Air Force Center for Environmental Excellence (AFCEE) under the Environmental Resources Program Information Management System (ERPIMS) data management program. The ERPIMS site identification code number is 208. Table 2-1 summarizes the analytical data for the OCC chemicals of concern (COC): BTEX and TPH (GRO and DRO). Only one sample collected had detectable levels of any BTEX compounds. The sample collected from 10.5 to 11 feet bgs in soil boring B3 contained 0.045 mg/kg benzene, 0.36 mg/kg toluene, 0.36 mg/kg ethylbenzene, and 1.26 mg/kg xylenes; GRO was detected at 1,466 mg/kg (Parsons ES, 1996).

2.3 HYDROGEOLOGY

The groundwater conceptual model of Tinker AFB was formed by the integration of geologic and hydrologic data from across the base. The hydrogeologic system at Tinker AFB is complex, and the model provides both an approximation of depth to water and an estimated direction of groundwater movement. The groundwater and hydrogeologic system in the vicinity of UST Site 3803 has been investigated and is evaluated as part of a basewide groundwater study by the IT Corporation (IT, 1999).

Approximately 1,150 groundwater monitoring wells have been installed at the base during remedial investigations. The conceptual hydrologic model, based largely on data from these wells, divides the groundwater system under Tinker AFB into three principal aquifer zones: an upper saturated zone (USZ), a lower saturated zone (LSZ), and a producing zone (PZ). The PZ starts at an average depth of 200 or 250 feet bgs at Tinker

AFB. In addition, a less extensive zone, the Hennessey saturated zone (HSZ), has also been identified above the USZ on a portion of the base. Numerous shallow, thin saturated beds of siltstone and sandstone may exist within the HSZ throughout the base, but the HSZ is not believed to be present at UST Site 3803 (Parsons ES, 1999).

The USZ and LSZ are recognized over the entire Base. The USZ exists mainly under water table (unconfined) conditions basewide, although subunits appear to be partially confined locally. The LSZ is unconfined on the east side of the base, but becomes confined west of Building 3001 and the North-South runway. The USZ and LSZ are separated by a low permeability shale interval of variable thickness. The shale interval acts as the lower confining bed for the USZ in the vicinity of UST Site 3803 and the uppermost aquifer beneath the site is the USZ. (Parsons ES, 1999).

Groundwater flow in the USZ at UST Site 3803 is to the southeast and the average depth to groundwater is 9.27 ft bgs. Hydraulic conductivity in this unit has been measured from 1.5 to 9.1 ft/day (Tetra Tech, 1996).

2.3.1 Groundwater Contamination

As part of the investigations, four soil borings were completed as monitoring wells in the area surrounding the site. The well screens were set from approximately 7 to 17 feet bgs in the USZ. Since the USZ is separated from deeper zones by intervening, confining shales contamination of the deeper water supplies zones (deeper than 200 feet bgs) is not a likely threat.

Figure 2-1 illustrates the locations of all monitoring wells in the area. Table 2-2 summarizes the analytical data for the OCC COCs, BTEX and TPH (GRO and DRO). It is evident from the analytical data that the impact to groundwater at this site by fuel compounds from UST 3803 is extremely low. None of the groundwater sample concentrations exceeded the OCC action levels or risk based screening levels (RBSLs) (Parsons ES, 1996).

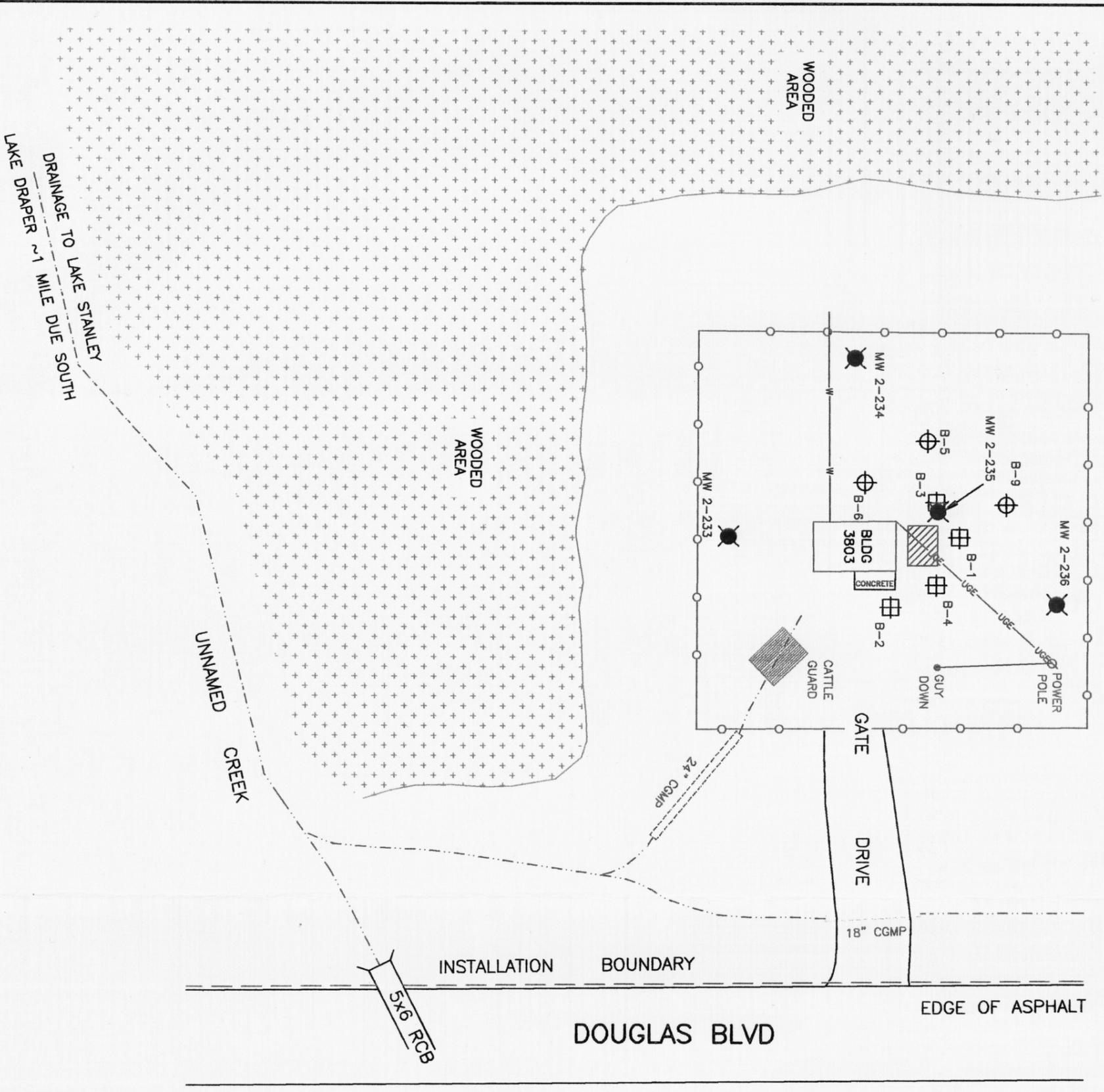
2.4 SURFACE WATER

Surface water at UST Site 3803 drains to a tributary of Elm Creek which borders the site to the south and east. Elm Creek discharges into Stanley Draper Lake, which is located less than one mile south of the southeastern border of the base. No surface water or sediment samples were collected as part of the UST Site 3803 site investigation (Parsons ES, 1996).

2.5 RECEPTORS

Tier 1 and Tier 1A RBSLs were developed for current and future on site construction workers. Based on distance and accessibility, the current resident child and resident adult scenarios were considered to have incomplete pathways. The current commercial worker scenario was also considered incomplete because no occupied buildings exist within 500 feet of the site. Since the site and adjoining properties are zoned residential, Tier 1 and Tier 1A RBSLs were developed for future resident child and resident adult. Tier 1 and Tier 1A RBSLs were also developed for the future commercial worker in the event the site is re-zoned for commercial use (Parsons ES, 1996).

Tinker AFB water supply well number 26 is located at Building 3803. The nearest off-base private water well is approximately 1 mile northeast of the site. COC levels in the soil are below groundwater protection criteria listed in Tier 1 target tables. BTEX was not detected in the groundwater monitoring wells, nor was it detected in the on-site water supply well number 26 (Parsons ES, 1996).



Note:
Original data from
Tetra Tech, Inc. 9/96

LEGEND

- FORMER UST PIT
- UNDERGROUND ELECTRIC
- WATER LINE
- STORM DRAIN
- 8' SECURITY CHAINLINK FENCE
- CREEK/SURFACE WATER DRAINAGE
- ISGC MONITORING WELL
- ISGC SOIL BORING
- ISC SOIL BORING

-N-

Approximate Scale in Feet

FIGURE 2-1

SITE 3803
BORING AND WELL LOCATIONS

TINKER A.F.B., OKLAHOMA

Table 2.1
Analytical Data Summary for Soil

MW No./Sample Location	Sampling Date	Sample Depth [ft.]	Benzene [mg/kg]	Toluene [mg/kg]	Ethylbenzene [mg/kg]	Xylene [mg/kg]	TPH/GRO [mg/kg]	TPH/DRO [mg/kg]
B5-11	6/18/1996	11.0-11.5	< 0.001	< 0.001	< 0.001	< 0.001	0.021	< 0.002
B5-19	6/18/1996	19-19.5	< 0.001	< 0.001	< 0.001	< 0.001	0.0066	< 0.002
B6-11	6/18/1996	11.0-12.0	< 0.001	< 0.001	< 0.001	< 0.001	0.139	< 0.002
B6-19.5	6/18/1996	19.5-20.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B7-11	6/18/1996	11.0-11.5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B7-17	6/18/1996	17.0-17.5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B8-11	6/18/1996	11.0-11.5	< 0.001	< 0.001	< 0.001	< 0.001	0.0067	< 0.002
B8-19	6/18/1996	19.0-19.5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B9-11.5	6/19/1996	11.5-12.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B9-19.5	6/19/1996	19.5-20.0	< 0.001	< 0.001	< 0.001	< 0.001	0.0382	< 0.002
B10-9	6/19/1996	9.0-9.5	< 0.001	< 0.001	< 0.001	< 0.001	0.0873	< 0.002
B10-17.5	6/19/1996	17.5-18.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B11-10.5	6/20/1996	10.5-11.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	< 0.002
B11-17	6/20/1996	17.0-17.5	< 0.001	< 0.001	< 0.001	< 0.001	0.0197	< 0.002
B1-13.8	9/13/1994	13.8-14	NA	NA	NA	NA	0.0067	< 1
B2-10.7	9/15/1994	10.7-11.2	NA	NA	NA	NA	34.5	106
B3-10.5	8/17/1995	10.5-11	0.45	0.36	0.36	1.26	1446	< 1
B4-8.5	8/17/1995	8.5-9	< 0.005	< 0.005	< 0.005	< 0.005	< 1	< 1

Table 2.2
Analytical Data Summary for Groundwater

MW No./Sample Location	Screen Interval	Sampling Date	Water Level	Benzene [mg/l]	Toluene [mg/l]	Ethylbenzene [mg/l]	Xylene [mg/l]	TPH/GRO [mg/l]	TPH/DRO [mg/l]
2-233	8-18 feet	7/8/1996	8.94	<0.0005	<0.001	<0.001	<0.001	<0.010	<0.025
2-234	7-17 feet	7/9/1996	9.52	<0.0005	<0.001	<0.001	<0.001	<0.010	<0.025
2-235	7-17 feet	7/9/1996	8.84	<0.0005	<0.001	<0.001	<0.001	0.0094	<0.025
2-236	7-17 feet	7/8/1996	9.77	<0.0005	<0.001	<0.001	<0.001	<0.010	<0.025
3803-B2-GW	NA	9/15/1994	NA	NA	NA	NA	NA	0.181	0.457
3803-B3-GW	NA	8/17/1995	NA	<0.0002	<0.0002	<0.0002	<0.0002	5	<1
3803-B1-GW	NA	9/13/1994	NA	NA	NA	NA	NA	<0.01	0.0026

SECTION 3

RISK DETERMINATION

The ORBCA investigation of the soil and groundwater at UST Site 3803 indicates that subsurface contamination does not exceed the risk-based screening levels (Tier 1) or the modified risk-based screening levels (Tier 1A) for OCC regulated contaminants. Sample concentrations were either below action levels established in OAC 165:25-3-65 or did not exceed the ORBCA Tier 1/1A risk-based screening levels for all current and future pathways and receptors identified. In addition, no nuisance conditions were observed. Complete descriptions of these pathways and receptors are presented in the ORBCA report for this site (Parsons ES, 1996).

SECTION 4

NO FURTHER ACTION

Based on the analytical results, the risk to human health and the environment is low; therefore, the no action alternative is proposed on the basis that this site is below action levels. No evidence suggests that the groundwater, surface water, soil, or air is sufficiently contaminated by this UST site to pose any threat to human health or the environment. Current site conditions and environmental testing data indicate that no further action is warranted at UST Site 3803. Additionally, the secured nature of the site and the limited exposure pathways support this alternative.

SECTION 5

REFERENCES

- IT Corporation, September 1999, Basewide Non-NPL Groundwater Phase II RCRA Facility Investigation for Appendix I and II SWMUs, Addendum 1, Volume 1-3, Tinker Air Force Base, Oklahoma.
- Parsons ES, December 1996, Oklahoma Risk-Based Corrective Action Tier 1/1A Summary Report for UST Site 3803, Tinker Air Force Base, Oklahoma.
- Parsons ES, April 1999, Revision 1, Site Investigation Workplan for the Southeast Quadrant Wastewater Collection System, Tinker Air Force Base, Oklahoma.
- Tetra Tech, 1994. Initial Site Characterization Report for UST Site 3803, Tinker Air Force Base, Oklahoma.
- Tetra Tech, 1996. Investigation for Soil and Groundwater Cleanup for Site 3803, Final Report, Investigation of Five Sites for Tinker Air Force Base, Oklahoma.
- USDA, 1996, Draft-Preliminary Revised Soil Maps and Soil Designations Atlas Sheet #25 for Oklahoma County, Oklahoma.

APPENDIX A

CLOSURE NOTICE



OKLAHOMA CORPORATION COMMISSION
PETROLEUM STORAGE TANK DIVISION
(405) 521-4683 FAX: (405) 521-4945

JIM THORPE BUILDING, RM 238 • PO BOX 52000-2000 • OKLAHOMA CITY, OK 73152-2000

October 7, 1999

Case ID #064-1352
Facility ID #55-08120

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER Z 402 838 923

OC-ALC/EMR
Attn: Ms. Cathy Schierman, Chief
7701 2nd Street, Suite 204
Tinker AFB, Oklahoma 73145-9100

RE: Facility Name and Location: UST 3803
Building 3803, Douglas Blvd.
Tinker AFB, Oklahoma

Dear Ms. Schierman:

Based upon the review of the Oklahoma Risk-Based Corrective Action Report, this case is closed. If in the future, levels of Chemicals of Concern are discovered to exceed those determined appropriate for this site, the case will be reopened. A copy of this letter is being sent to your consultant.

If you have any questions, please discuss them with your consultant or call me at (405) 522-5266 between 8:00 a.m. and 4:30 p.m. Monday through Friday. Please reference the appropriate OCC Facility Number and Case Number on all correspondence.

Sincerely,

A handwritten signature in cursive script that reads "Neil R. Garrett".

Neil R. Garrett
Project Environmental Analyst, Supervisor

NRG:tt

cc: See Back