FINAL

Tinker AFB, Site CG038
RCRA Facility Investigation Report

Volume I

Tinker AFB

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Executive Summary

The objective of this Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Report is to provide Tinker AFB with one comprehensive RFI report that defines the extent of groundwater contamination in Subunits 2D and 2E in GWMU 2, and Landfill 1 within Site CG038.

The report focuses on contaminated groundwater and reviews previous soils contamination studies, which relate to the potential source areas of the groundwater contamination. The following are potential source areas:

- Landfill 1 (SWMU-3)
- Landfill 2 (SWMU-4)
- Landfill 3 (SWMU-5)
- Landfill 4 (SWMU-6)
- Fire Training Area 1 (SWMU-7)
- Supernatant Pond (SWMU-11)
- Radioactive Waste Disposal Site 1030W (SWMU-19)
- Radioactive Waste Disposal Site 62598 (SWMU-21)
- Radioactive Waste Disposal Site 1022E (SWMU-22)
- AOC Drainage Spillway (no SWMU designation)
- Former Drum Storage Area (no SWMU designation)

From an evaluation of groundwater flow directions and a comparison of wastes disposed at the sites with groundwater contaminant concentrations from the 1998 and 1999 sampling events, as well as subsequent data collected on-base in 2000-2001 and off-base data collected in 2001, the most likely sources of organic contamination for the 2D groundwater plume are the Landfill 3 sludge pit and trench contents and, to a lesser extent, contaminated soils and waste material in Landfill 4 trenches. The most likely source of groundwater contamination in the 2E groundwater plume is Landfill 2, a former waste re-drumming operation located at the south end of Landfill 2, and a former drum storage area located east of Landfill 2. Landfill 4 may contribute to the 2E plume to a lesser extent due to east-west aligned trenches in Landfill 4 and the Hennessey Water Bearing Zone (HWBZ), both of which may facilitate eastward migration of contaminants to an area that is hydrologically connected to the Upper Saturated Zone (USZ).

The primary organic contaminant in CG038 groundwater is the chlorinated hydrocarbon compound trichloroethene (TCE); secondary organic contaminants include cis-1,2-dichloroethene (cis-1,2-DCE), 1,2-dichloroethane (1,2-DCA), and vinyl chloride. The

contaminant plumes are primarily within the USZ and, to a lesser extent, the overlying HWBZ and underlying Lower Saturated Zone (LSZ).

The locations of HWBZ wells exhibiting the highest detections of TCE, which exceeded the maximum contaminant level (MCL) in only one well in Subunit 2E, and cis-1,2-DCE generally correspond to well locations that exhibit the highest concentrations of the same compounds in the USZ. This supports the theory that some of these contaminants are migrating vertically to the USZ. This is believed to take place directly through landfill trenches incised into the USZ, or through transmissive zones and desiccation cracks in the HWBZ that are hydraulically connected to the USZ.

In general, groundwater in the USZ flows west in the northern part of the study area, and southwest in the southern part. TCE concentrations in the Subunit 2D plume generally increased from 1995 until 2000. This increase may be partially due to nearby extraction wells pulling contaminants from upgradient areas having higher concentrations of contaminants. As evidenced by recent groundwater analyses from off-base private wells, off-base migration of TCE at concentrations above the MCL has occurred in Subunit 2D.

The frequencies of detection and concentrations of TCE degradation products, most notably cis-1,2-DCE, 1,2-DCA, and vinyl chloride, also generally increased from 1995 until 2000. This indicates that natural attenuation of TCE is likely occurring to some extent. Additionally, 2001 data from monitoring well 2-259D located just south of Landfill 3 indicates that natural attenuation is significant near the source of the Subunit 2D plume.

TCE concentrations at base boundary wells and off-base well 2-333 did not increase between December 1998 and November 1999 in Subunit 2E. Quarterly sampling events conducted during 2000 and 2001 indicated that TCE concentrations were generally stable during this period within Subunit 2E. As described above for Subunit 2D, the frequencies of detections and concentrations of TCE degradation products generally increased from 1995 to 2000.

Sampling of off-site monitoring wells and private water supply wells located in the Tinker View Acres Subdivision (TVA) located just southwest of Tinker AFB indicates that some organic contaminants have migrated off-site. The extent of TCE appears to extend just slightly beyond the western border of the base. The compound was detected in one private well located near the northeast corner of the TVA at a concentration of 13.7 µg/L. This was the only off-base concentration of TCE exceeding the MCL of 5 µg/L.

The organic compound 1,2-DCA also appears to extend just slightly beyond the western border of the base in Subunit 2E. The sample collected from monitoring well 2-333B, located just west of the base border had a 1,2-DCA concentration of 7.2 µg/L compared to an MCL of 5 µg/L. Oklahoma County owns the property on which monitoring wells 2-333B, 2-334B, 2-447B, and 2-448B are located. Tinker AFB has an easement on this property. The 2000 and 2001 sampling events, showed that 1,2-DCA concentrations appeared to have generally stabilized.

The groundwater in an area in the southern portion of the TVA appears to have been impacted by the presence of 1,2-DCA. The compound was detected in seven private wells located within the subdivision. The MCL of 5 µg/L was exceeded in only one of the wells with its detection of 17 µg/L. Review of the 2001 potentiometric surface data and the 2001

1,2-DCA concentration data indicates that the presence of 1,2-DCA in groundwater underlying the TVA is not likely associated with activities at Tinker AFB.

The LSZ serves as the lower boundary for most of the observed organic contamination in the USZ. Only one well in the LSZ in Subunit 2D exhibited a concentration of TCE just above the MCL. In general, wells in which organic constituents were detected in the LSZ correspond to wells with higher concentrations of the same compounds in the USZ. This supports the presumption that what little contamination reaches this groundwater zone likely migrates vertically from the USZ instead of from a presumed LSZ source located east of the study area.

Arsenic, chromium, and nickel are the most frequently detected inorganic constituents in CG038 groundwater. Concentrations of these constituents, particularly chromium, in samples collected from each groundwater zone exceeded EPA drinking water MCLs. An evaluation of chromium and nickel concentration trends for certain CG038 wells indicates that corrosion of stainless steel well screens is occurring. This is a fairly common occurrence in areas where shallow groundwater is ephemeral and contains high levels of electrolyte salts, which enhance degradation of some metal alloys.

The following summarizes the conclusions regarding the geology, hydrogeology, and extent of contaminants at CG038:

- The surficial Hennessey Group reaches a maximum thickness of about 65 feet at the Site CG038 area. The Hennessey has eroded to 10 feet or less along Crutcho Creek. Groundwater flow within the HWBZ follows the surface topography and is generally in a northeastward direction. The HWBZ is a water table aquifer.
- The underlying Garber-Wellington Aquifer within the depths of interest consists of a USZ, an LSZ, a Lower-Lower Saturated Zone (LLSZ), and the Producing Zone (PZ). Laterally discontinuous lenses and layers of shale separate these sandstone aquifer zones from each other. The USZ/LLSZ aquifer sequence is approximately 200 feet thick in the CG038 area. On Tinker AFB, groundwater flow within this aquifer sequence is regional, in a westerly to southwesterly direction. Measurement of groundwater levels within the USZ in the TVA area however, indicates that groundwater flow in the western part of that area is toward the southeast due to the structural configuration of the geologic units. This change in groundwater flow direction causes a hydraulic barrier that prevents further westward migration of contaminants originating from Tinker AFB.
- The Garber-Wellington Aquifer is primarily an unconfined to semi-confined aquifer in the CG038 area except in some local areas along Crutcho Creek.
- The underlying PZ is separated from the LLSZ by a confining clay aquitard.
- The vertical hydraulic gradient within all aquifer zones is in a downward direction.
- Groundwater contamination within CG038, and specifically sub-units 2D and 2E, has occurred primarily by migration of contaminants from Landfills 2, 3, and 4, and possibly the former drum storage area vertically through the HWBZ into the USZ where the Hennessey Group is relatively thin. Landfill 1 does not appear to be a source of contamination to either sub-units 2D or 2E. Other potential source areas within CG038

are the FTA-1, the SP, RWDS 1022E, RWDS 1030W, RWDS 62598, and the area of concern (AOC) Drainage Spillway. Due to the dissimilarity of potential source contaminants to groundwater contaminants and various hydraulic limitations, e.g., potential sources located cross-gradient to plumes, these six sites are not considered to be sources for the 2D and 2E plumes.

- The principle groundwater contaminants that exceed their MCLs are TCE and cis-1, 2-DCE, although other organic contaminants occur in the groundwater. Arsenic and chromium have also been identified as contaminants exceeding their MCLs, but the chromium, as well as, nickel detections could be associated with the stainless steel well construction materials. Arsenic detections could be associated with higher than background levels occurring in Garber-Wellington sediments, i.e., naturally occurring sources.

- Groundwater contamination occurs most extensively in the USZ, in which contaminant plumes have migrated off-base.

- The lateral extent of contaminants identified in the HWBZ is limited. There is no evidence that contaminants have migrated off-base in the HWBZ.

- The extent of contaminants identified in the LSZ is limited, with only one well in which the concentration of an organic compound (TCE) exceeded an MCL. There does not appear to be a direct source of contaminants into the LSZ. Wells in which relatively low concentrations of organic compounds were detected in the LSZ generally correspond to well locations in the USZ in which high concentrations of the same compounds were detected. This indicates that contaminants detected in the LSZ are likely due to vertical migration from the USZ.

- The nature and extent of groundwater contamination has been defined sufficiently to continue with the on-going groundwater remediation program.

- Organic contaminant plumes, including TCE, cis-1,2-DCE, and 1,2-DCA, have migrated off-base in concentrations slightly exceeding their respective MCLs. However, there appears to be an unknown, localized source of organic contaminants, primarily 1,2-DCA, in groundwater underlying the TVA that is not associated with sources at Tinker AFB. Results of sampling wells located between this area and Tinker AFB indicate that the 1,2-DCA plumes are not connected.

- In locations where landfill trenches were excavated nearly or completely through the Hennessey, contaminants have migrated directly into the USZ.

- The source area for groundwater contamination in sub-unit 2D is most likely the former sludge dump area in Landfill 3, and to a lesser extent, Landfill 4.

- The source area for groundwater contamination in Subunit 2E is most likely the trenches and redrumming area in Landfill 2. However, a large part of the TCE and DCE plumes of sub-unit 2E extend upgradient about 1,000 feet from Landfill 2, suggesting other source(s) than Landfill 2. One possibility is the former drum storage area identified on a 1954 base map.

- Landfill 1 is probably not a source for groundwater contamination in either sub-units 2D or 2E.

The following recommendations are presented to address any uncertainties related to potential source areas and extent of contamination.

- Although the upgradient extent of the sub-unit 2E TCE and DCE plumes is not completely defined, additional upgradient wells are not necessary for remediating the groundwater contaminant plumes.
- The occurrence and concentrations of contaminants that result from the degradation of TCE suggest that natural attenuation of the chlorinated organic contaminants is occurring. A monitoring program should be initiated to evaluate and verify natural attenuation processes.
- When the sludge disposal pit area of Landfill 3 (primary source for sub-unit 2D) was partially remediated, free product was observed in the soils and sludges. A groundwater sample collected from monitoring well 2-259B, installed near the southern boundary of Landfill 3 in 2001, had very high concentrations of several organic compounds, including vinyl chloride at 16,000 µg/L and cis-1,2-DCE at 30,000 µg/L. TCE concentrations in the USZ of sub-unit 2E are as high as 18,000 µg/L (at well 79BR in 2001). In order to further evaluate for the presence of dense, non-aqueous phase liquids (DNAPLs), additional wells should be installed in sub-units 2D and 2E in areas in which the highest concentrations of VOCs have been detected in groundwater samples. Technologies such as cross-hole tomography and/or surfactant injection tests could be used in new wells in this area to help locate any DNAPLs.
- To further demonstrate that the source(s) of organic constituents found in private wells and monitoring wells in the TVA Subdivision are not associated with Tinker, additional monitoring wells should be installed in the area lying between Tinker AFB and the TVA.
- Continue to monitor changes in the groundwater contaminant concentrations throughout CG038.
- In order to provide an alternative water supply source, residences in the Tinker View Acres Subdivision should be connected to the Oklahoma City water supply.
- Prepare and submit to the regulatory agencies a Corrective Measures Study (CMS). The CMS should address the most effective methods for achieving MCLs of all contaminants at the base boundary as well as for reducing the extent of contaminated groundwater underlying Tinker AFB.

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Contents

Tables

Figures

Acronyms

µg/kg	micrograms per kilogram
µg/L	micrograms per liter
µR/hr	microRoentgens per hour
AFB	Air Force Base
AFRAT	U.S. Air Force Radiation Assessment Team
AOC	Area of concern
ARA	Applied Research Associates, Inc.
B&V	Black & Veatch Waste Science and Technology Corporation
BHC	hexachlorocyclohexane
BRE	Brown and Root Environmental, Inc.
BTEX	Benzene, toluene, ethylbenzene, xylene
CDM	CDM Federal Programs Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CG	contaminated groundwater
CH	high plasticity clay
CL	low plasticity clay
cm/sec	centimeters per second
COPC	contaminant of potential concern
CSM	conceptual site model
DCE	dichloroethylene
DDE	dichlorodiphenyldichloroethene
DDT	dichlorodiphenyltrichloroethane
DERP	Defense Environmental Restoration Program
DNAPL	dense, non-aqueous phase liquids
DoD	U.S. Department of Defense
DRMO	Defense Reutilization and Marketing Office

Acronyms (Continued)

EID	Engineering Installation Division
EM	electromagnetic
EP	extraction procedure
EPA	U.S. Environmental Protection Agency
ES	Engineering Science
FS	feasibility study
ft/yr	feet per year
ft^2	square feet
FTA	Fire Training Area
GCL	geosynthetic clay liner
gpm	gallons per minute
GPR	ground-penetrating radar
GWMU	groundwater management unit
HSWA	Hazardous and Solid Waste Amendments
HWBZ	Hennessey water bearing zone
IRP	Installation Restoration Program
JP-4	jet petroleum grade 4
K	potassium
lbs/hr	pounds per hour
LDPA	low-density polyethylene
LIF-CPT	Laser-Induced Fluorescence-Electronic Cone Penetrometer Test
LLSZ	Lower Lower Saturated Zone
LQL	laboratory quantitation limit
LSZ	lower saturated zone
MCL	maximum contaminant levels
MH	high plasticity silt
ML	low plasticity silt

Acronyms (Continued)

NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFRAP	No further response action planned
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
NSPS	New Source Performance Standards
OCC	Oklahoma Corporation Commission
ODEQ	Oklahoma Department of Environmental Quality
OSDH	Oklahoma State Department of Health
PA/SI	preliminary assessment/site investigation
PAH	polyaromatic hydrocarbons
PCB	polychlorinated biphenyls
PCE	tetrachloroethene
pCi/g	pico Curies per gram
pCi/L	pico Curies per liter
PES	Parsons E-S
PID	photoionization detector
POL	petroleum oil lubricant
ppm	parts per million
PRC	PRC Environmental Management, Inc.
PZ	producing zone
Ra	radium
Radian	Radian Corporation
RCRA	Resource Conservation and Recovery Act
RD&D	research development and demonstration
RFA	RCRA Facility Assessment

Acronyms (Continued)

RFI	RCRA Facility Investigation
RI	Remedial investigation
RI/FS	Remedial investigation/feasibility study
ROD	Record of Decision
RWDS	Radioactive Waste Disposal Site
SARA	Superfund Amendments and Reauthorization Act of 1986
SC	clayey sand
SGI	soil gas investigation
SM	silty sand
SMCL	secondary maximum contaminant levels
SP	Supernatant Pond
SS	stabilization/solidification
SSL	soil-screening level
still	distillation unit
SVOC	semivolatile organic compounds
SWMU	solid waste management units
TCA	trichloroethane
Th	thorium
TOC	total organic carbon
TPH	total petroleum hydrocarbons
Tracer	Tracer Research Corporation
TRPH	total recoverable petroleum hydrocarbons
TSD	treatment, storage, and disposal
TVA	Tinker View Acres
USACE	U.S. Army Corps of Engineers
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
USDA	U.S. Department of Agriculture

Acronyms (Continued)

USGS	U.S. Geological Survey
USZ	upper saturated zone
UTL	Upper Tolerance Limits
VOC	volatile organic compounds
yd^3	cubic yards

SECTION 1.0

Introduction

1.1 Purpose and Scope

This document has been prepared in response to a request from the U.S. Department of the Air Force and Tinker AFB for an RFI Report for Installation Restoration Program (IRP) Site CG038. Site CG038 is a groundwater contamination site.

During implementation of the Phase I RFI (IT Corp., September 1994) at solid waste management units (SWMUs) and AOCs, Tinker AFB recognized, and the U.S. Environmental Protection Agency (EPA) agreed, that groundwater contaminant plumes falling under RCRA at Tinker could be more efficiently addressed by combining the plumes into four separate contaminated groundwater (CG) sites based on their locations within Tinker AFB. Site CG038, located in the southwest part of the Base, encompasses groundwater management Subunits 2A, 2C, 2D, and 2E within Groundwater Management Unit (GWMU) 2 based on groundwater flow direction, contaminant type, possible source(s), and proximity to each other. **Figure 1-1** shows the area and contaminated groundwater units/subunits of this RFI report.

The objective of this RFI Report is to provide Tinker AFB with one comprehensive RFI report that defines the extent of groundwater contamination and the fate and transport of groundwater contaminants in the combined area, including Subunits 2D and 2E, around Landfills No. 1 through 4, within Site CG038. To accomplish this objective, the report presents the following site information:

- Environmental Setting
- Site Description, Operations, and History
- Source(s) Descriptions and Characterization
- Contaminant Characterization
- Potential Receptors
- Conceptual Site Model

Additionally, this document briefly describes the procedures, methods, and results of previous investigations, remedial actions, and baseline risk assessments that relate to Site CG038.

This report focuses on contaminated groundwater. However, it also includes a review of soils contamination studies because this information relates to potential source areas for the groundwater contamination.

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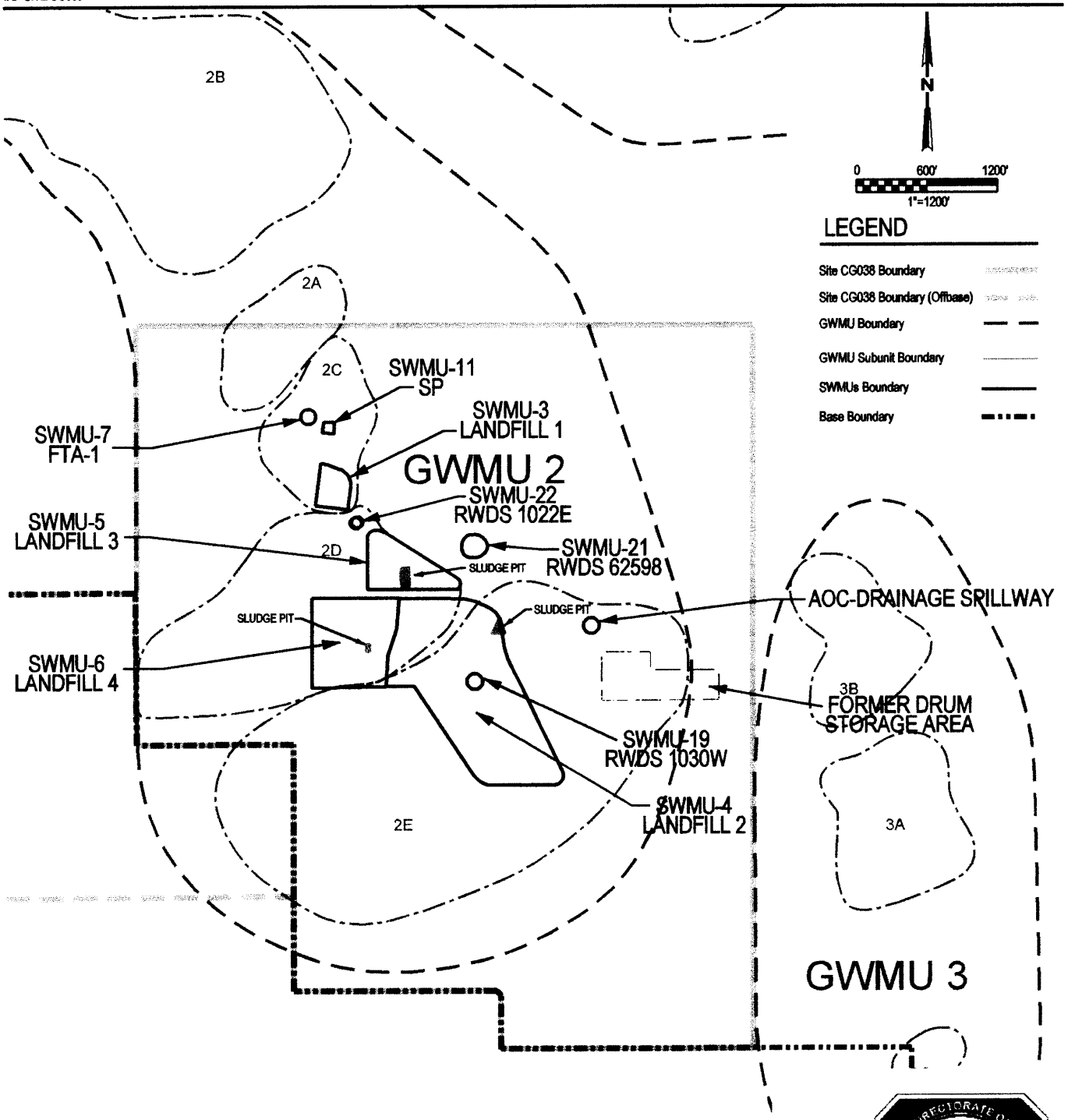

FIGURE 1-1
Site CG038 and Contaminated Groundwater Units
Tinker AFB, Oklahoma

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1.2 Preface

In 1980, Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) to address the cleanup of hazardous waste disposal sites across the country. CERCLA gave the President authority to require responsible parties to remediate the sites or to undertake response actions through use of a fund (the Superfund). Through Executive Order 12580, the President gave the EPA the responsibility to investigate and remediate private party hazardous waste disposal sites that created a threat to human health and the environment. The President delegated responsibility for investigation and cleanup of federal facility disposal sites to the various federal agency heads.

Congress formally established the Defense Environmental Restoration Program (DERP) in Title 10 U.S. Code (USC) 2701-2707 and 2810. DERP provides centralized management for the cleanup of U.S. Department of Defense (DoD) hazardous waste sites consistent with CERCLA provisions, as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 Code of Federal Regulations [CFR] 300), and Executive Order 12580. To support the goals of DERP, the IRP was developed to identify, investigate, and clean up contamination at installations.

Under the Air Force IRP, Tinker AFB began a Phase I study similar to a preliminary assessment/site investigation (PA/SI) in 1981 (Engineering Science [ES], 1982). This study helped locate 14 sites that needed further investigation. Phase II studies were performed in 1983 (Radian Corporation [Radian], 1985 a,b).

In 1986, Congress amended CERCLA through SARA. SARA waived sovereign immunity for federal facilities. This act gave the EPA authority to oversee the cleanup of federal facilities and to have the final authority for selecting the remedial action at federal facilities placed on the National Priorities List (NPL) if the EPA and the relevant federal agency cannot concur on the selection. Congress also codified DERP (SARA Section 211), establishing a fund for the DoD to remediate its sites because the Superfund is not available for the cleanup of federal facilities. DERP specifies the type of cleanup responses that the fund can be used to address.

In response to SARA, the DoD realigned its IRP to follow the investigation and cleanup stages of the EPA:

- PA/SI
- Remedial investigation/feasibility study (RI/FS)
- Record of Decision (ROD) for selection of a remedial action
- Remedial design/remedial action

In 1984, Congress amended RCRA with the Hazardous and Solid Waste Amendments (HSWA), which allow the EPA to require, as a permit condition, a facility to undertake corrective action for any release of hazardous waste or constituents from any SWMU at a treatment, storage, and disposal (TSD) facility. On 12 January 1989, Tinker AFB submitted

its Part B permit application for renewal of its operating RCRA hazardous waste storage facility permit.

EPA, in the Hazardous Waste Management Permit for Tinker AFB dated 1 July 1991, identified 43 SWMUs and two AOCs on Tinker AFB. The permit requires Tinker AFB to investigate all SWMUs and AOCs and to perform corrective action at those identified as posing a threat to human health or the environment. This RFI Report has been prepared to determine whether sufficient investigations have been conducted for CG038.

1.3 Facility Description

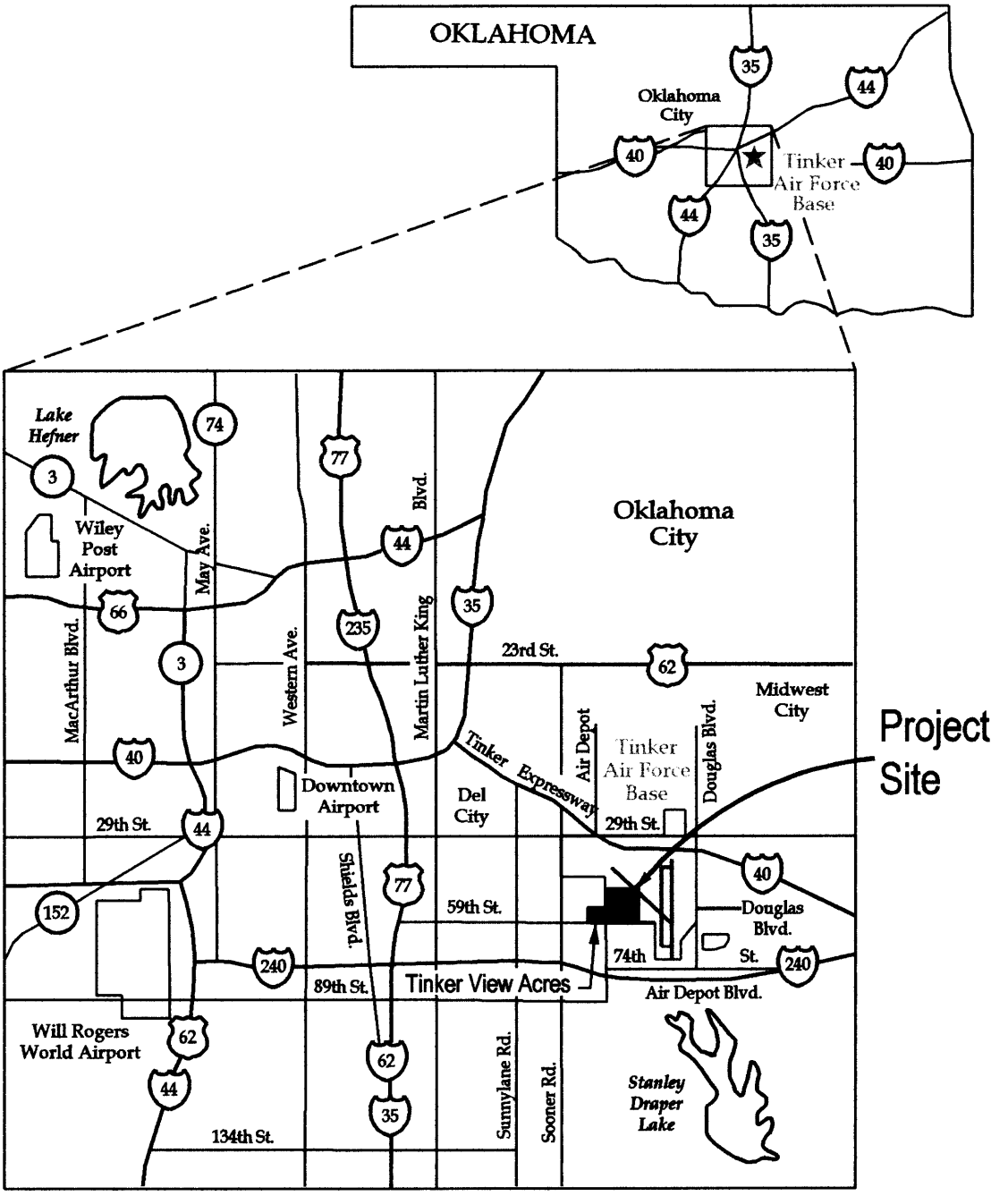
Tinker AFB is located in central Oklahoma, in the southeast portion of the Oklahoma City metropolitan area, in Oklahoma County (**Figure 1-2**) with its approximate geographic center located at 35° 25′ N latitude and 97° 24′ W longitude. The Base is bounded by Sooner Road to the west, Douglas Boulevard to the east, Interstate 40 to the north, and Southeast 74th Street to the south. There are two additional areas east of the main base. These are the Engineering Installation Wing (EIW), known as Area D, and the Consolidated Hands-on and Training site, informally known as the CHOT site or Gator Facility. The Base encompasses approximately 5,000 acres.

Tinker AFB began operations in 1941 and serves as a worldwide repair depot for a variety of aircraft, weapons, and engines. These activities employ hazardous materials and result in the generation of hazardous wastes. These wastes have included spent organic solvents, waste oils, waste paint strippers and sludge, electroplating wastewater and sludge, alkaline cleaners, acids, FreonTM, jet fuels, and radium paints. Wastes that are currently generated are managed at two permitted hazardous waste storage facilities. However, prior to enactment of RCRA, industrial wastes were discharged into unlined landfills and waste pits, streams, sewers, and ponds. Past releases from these landfills, pits, etc., as well as from underground tanks, have occurred. As a result, there are numerous sites of soil, groundwater, and surface water contamination on the Base (IT Corp., September 1994).

The various reports prepared as a result of site investigation activities conducted in and around the current Site CG038 since 1982 have been reviewed and referenced to prepare this RFI Report. However, only groundwater analytical data since 1994 were used to evaluate the nature and extent of groundwater contamination in groundwater Subunits 2D and 2E. Groundwater data were limited to this time period because some monitoring wells (MW) installed prior to 1994 were screened across more than one hydrogeologic unit, resulting in suspect analytical data and groundwater level measurements. These earlier suspect monitoring wells have been plugged and abandoned (BRE, November 1997). A summary based on the review of these reports for the SWMUs within the area of Site CG038 is presented in the following sections.

The SWMUs specifically located within the area of Site CG038, include the following:

- Landfill 1 (SWMU-3)
- Landfill 2 (SWMU-4)



Source: Adapted from Rand McNally Atlas, 1991

FIGURE 1-2
Regional Location of Tinker Air Force Base and Project Site
Tinker AFB, Oklahoma

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- Landfill 3 (SWMU-5)
- Landfill 4 (SWMU-6)
- Fire Training Area (FTA) 1 (SWMU-7)
- Supernatant Pond (SWMU-11)
- Radioactive Waste Disposal Site (RWDS) 1030W (SWMU-19), located within Landfill 2
- Radioactive Waste Disposal 62598 (SWMU-21)
- Radioactive Waste Disposal Site 1022E (SWMU-22)
- AOC Drainage Spillway (no SWMU designation)

Table 1-1 summarizes the corrective action status of the SWMUs within CG038. The nine SWMUs and one AOC listed above are evaluated as potential source areas for the groundwater contamination in CG038 and are described and discussed in this report. **Figure 1-3** shows the locations of these SWMUs and AOCs within CG038. One site not recognized until recently, and not listed as a SWMU or an AOC, is documented only as a Drum Storage Area on a 1954 "Basic Layout Map" for Tinker. No additional information regarding this site has been uncovered.

Figure 1-4[1] shows the locations of all monitoring wells and groundwater extraction wells in the on-base portion of CG038. In general, wells designated with the letter "A" are completed in the LSZ of the Garber-Wellington. Wells designated with the letter "B" are completed in the USZ. Wells designated with the letter "C" are either completed deeper in the LSZ or in the LLSZ. Wells designated with the letter "D" are completed in the lower-most portion of the LLSZ or the PZ (BRE, November 1997).

Some of the wells installed by the USACE or previous contractors were later plugged and abandoned and replaced because the filter packs extended across more than one saturated zone or the wells had multiple screened intervals. At some locations, the old well was removed and redrilled at the same location, with the new replacement well installed in the re-drilled borehole. At other locations, the old well was completely removed, plugged and grouted with the replacement well borehole drilled nearby. The "R" in the monitoring well number denotes a replacement well for the original well.

In 1998, a groundwater extraction and treatment system was installed in the southwest quadrant of Tinker AFB as an interim corrective measure primarily to contain groundwater plumes at the Base boundary in Subunits 2D and 2E, as well as to capture and treat the contaminated groundwater. The system (**Figure 1-4**) consists of 20 groundwater recovery wells and an air stripper treatment system. The system has been in full operation since March 1999.

[1] Oversized figures located in Volume II.

TABLE 1-1
Summary and Status of SWMUs in CG038
(IT Corp., September 1999)

SWMU No.	IRP Site Code	Description	Materials Managed or Disposed of at Site	Dates of Operation	Investigation Status	GWMU Location
3	LF11	Landfill 1	General refuse, industrial waste	1942-1945	Cap complete; operating groundwater extraction system.	2
4	LF12	Landfill 2	General refuse, industrial waste, radiological waste, sludge	1945-1952	Cap complete; operating groundwater extraction system.	2
5	LF13	Landfill 3	General refuse, industrial waste, sludge	1952-1961	Cap complete; operating groundwater extraction system.	2
6	LF14	Landfill 4	General refuse, industrial waste, radiological waste, sludge	1961-1968	Cap complete; operating groundwater extraction system.	2
7	FT21	Fire Training Area 1	Flammable liquids burned and extinguished	1950-1962	Phase II RFI completed. NFRAP documents completed.	2
11	WP17	Supernatant Pond	Sewage disposal, liquid industrial waste, construction rubble	1954-1984	Soil remediation completed.	2
19	RW25	Radioactive Waste Disposal Site 1030 West	Low level radioactive refuse	1940s-1950s	Soil remediation completed. NFRAP document completed.	2
21	RW27	Radioactive Waste Disposal Site, 62598	Lead distillation unit, radium paint solids	1955	Phase II RFI complete. NRFAP document completed.	2
22	RW29	Radioactive Waste Disposal Site, 1022 East	Radioactive material, including vacuum tubes	mid-1950s	Phase II RFI complete. NRFAP document completed.	2
AOC	--	Spill Pond, Building 1030	Receives runoff from Bldg. 1030 roof drains and ramp areas, draining from wash racks	Information not available	RFI completed. No further action.	2

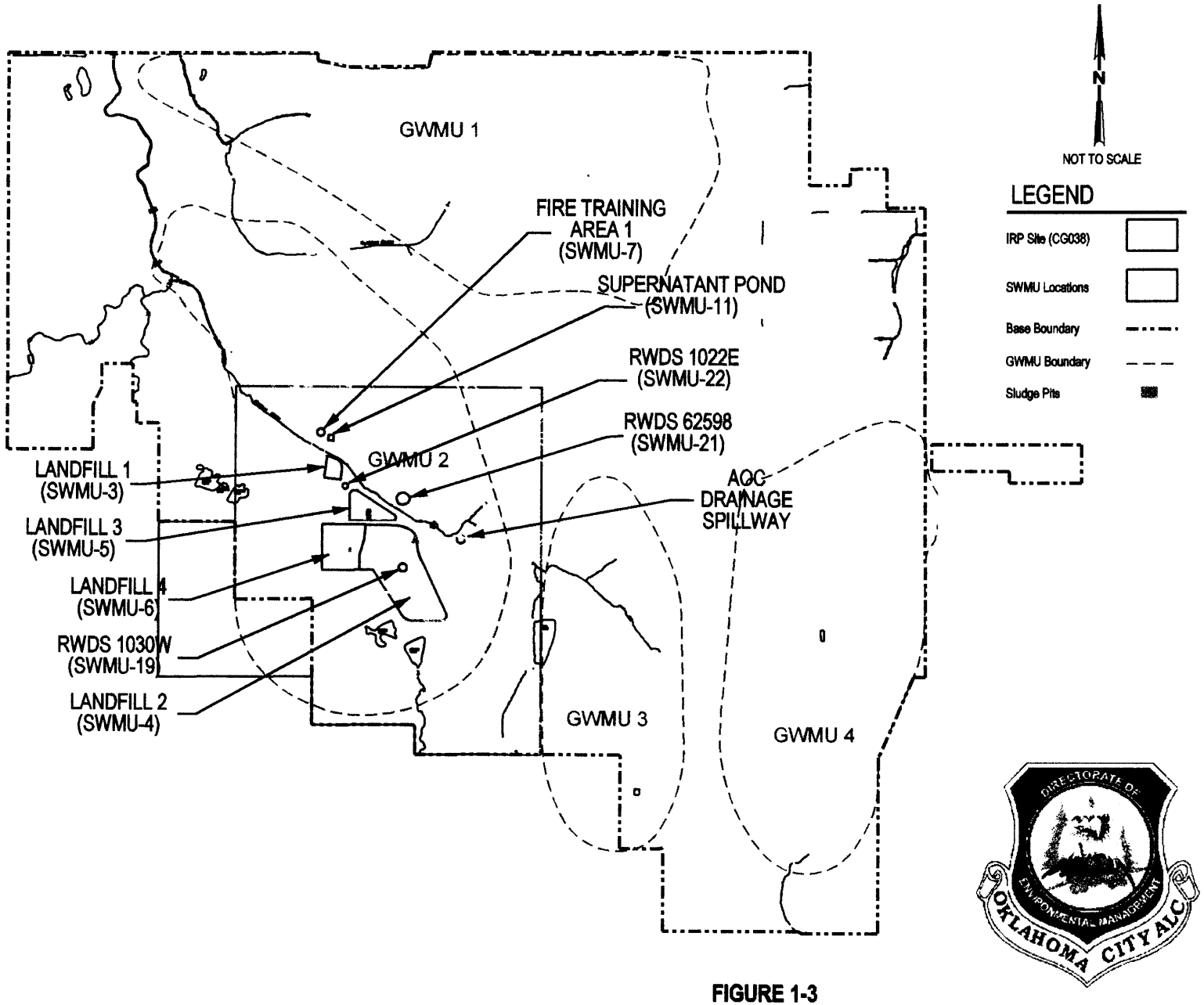

FIGURE 1-3
Locations of SWMUs within Site CG038
Tinker AFB, Oklahoma

1.4 Site Descriptions

The following descriptions of the nine SWMUs and one AOC are presented to describe the potential source areas in Site CG038 and Subunits 2D and 2E. The working hypothesis with respect to identifying source areas is that one or more of these sites are the sources of groundwater contamination. More detail on the site operations and source characterization is given in Sections 2.0 and 4.0.

1.4.1 Landfill 1 (SWMU-3)

Landfill 1 is the smallest of the four landfills (Landfills No. 1 through 4 [SWMUs 3 through 6]) located in the southwest corner of the Base. The landfill has a surface area of approximately 1.5 acres and is bordered by Crutcho Creek to the north and east, Patrol Road to the west, and the Building 1022 area to the south. A buried sanitary sewer line intersected the southeast portion of the landfill prior to the construction of a cover system. The sewer line was rerouted beyond the limits of the landfill cover system, which was completed in March 1991 (IT Corp., April 1999). The cap was designed and constructed to meet the requirements of the July 1989 EPA Landfill Cover System Guidance document.

1.4.2 Landfill 2 (SWMU-4)

Landfill 2 is the largest of the four landfills (Landfills 1 through 4 [SWMUs 3 through 6]) site. The landfill has a surface area of approximately 27.5 acres and is bordered by Reserve Road to the east, Vanaman Road to the north, and Landfill 4 to the west.

Landfill 2 was closed to landfill operations in 1952, and the completed trenches were covered with three to four feet of excavated native soil. Underground gas, water, sanitary sewer lines, and overhead power lines were located in the southern section of the landfill, but these have been relocated. Construction of a RCRA landfill cap and gas vent system was completed over Landfill 2 in 1998. (IT Corp., April 1999).

1.4.3 Landfill 3 (SWMU-5)

Landfill 3 occupies approximately 8.25 acres. The landfill is just north of Vanaman Road, and is bordered by Crutcho Creek to the north and east, and Building 1022 to the west.

An interim remedial action to construct a cap over Landfill 3 was completed in December 1991. The cap was designed and constructed to meet requirements of RCRA and the July 1989 EPA Landfill Cover System Guidance document.

1.4.4 Landfill 4 (SWMU-6)

Landfill 4 occupies approximately 12.4 acres. The site is south of Vanaman Road and east of Patrol Road.

Construction of a RCRA landfill cap and gas vent system was completed over Landfill 4 in 1998 (IT Corp., April 1999).

1.4.5 Fire Training Area 1 (SWMU-7))

FTA 1 is bounded by Crutcho Creek to the south, Patrol Road to the east, Building 7039 to the north, and Air Depot Boulevard (which used to be the Tinker AFB boundary) to the west. As determined from aerial photographs, the active fire training/burning area was a circular-shaped area. The center of the site is located approximately 110 feet west of Patrol Road and 240 feet north of Crutcho Creek.

The area was approximately 125 feet in diameter and was originally enclosed within an earthen dike. The area had a gravel bottom and was not lined (ES 1982). The dike has since been removed. The topography of FTA 1 is flat and poorly drained. Water tends to collect in the area after rainfall. The site is sometimes covered with water when Crutcho Creek rises over its banks during heavy rainfall events.

1.4.6 Supernatant Pond (SWMU-11)

The Supernatant Pond (SP) is located east of and adjacent to Patrol Road and approximately 200 feet north of the northwest-flowing Crutcho Creek. The site is directly east of FTA 1. The SP site is an area of approximately 25,000 square feet (ft^2) (0.6 acres). The former pond covered an area of approximately 6,400 ft^2 (0.15 acres). It was originally used to impound sewage effluent. After the sewage treatment plant closed, the site was used for liquid wastes such as petroleum-hydrocarbon sludge, solvents, and cyanide-contaminated liquids. A shallow ditch runs along the east side of the site and terminates in the creek south of the site. North of the site, this ditch parallels Patrol Road.

The site supports a growth of grass and is kept mowed. No evidence of previous activity is apparent on the surface (U.S. Army Corps of Engineers [USACE], 1991). Remediation of the site was completed in November 1992 with soil stabilization/solidification (IT Corp., March 1995).

1.4.7 Radioactive Waste Disposal Site 1030W (SWMU-19)

RWDS 1030W is located on Landfill 2 (SWMU-4) approximately 1,700 feet west and 550 feet north of Building 1030. RWDS 1030W is located at the site of a former depression to the west and north of a former picnic area. Before capping, the site was covered with fairly heavy brush.

The site was used for disposal of burned radium dial waste, including rags and solvent solution. In the early 1970s, Pistol Pond was constructed on top of Landfill 2, adjacent to RWDS 1030W, but was drained in 1986. RWDS 1030W was remediated in 1992 (IT Corp., September 1994), and the entire area of Landfill 2 and RWDS 1030W was covered with a RCRA landfill cap completed in 1998.

1.4.8 Radioactive Waste Disposal Site 62598 (SWMU-21)

RWDS 62598 is located north of Crutcho Creek, east of Landfill 3 (SWMU-5), and west of Reserve Road.

This site reportedly contained a lead distillation unit (still) with radium paint solids; however, there was an unconfirmed report that the still may have been removed and shipped off-site. Before the removal action, the site was marked with a concrete monument

and radiation warning sign. The original marker was destroyed, and the current monument was installed in 1972 at the approximate location of the original marker (IT Corp., August 1999).

1.4.9 Radioactive Waste Disposal Site 1022E (SWMU-22)

RWDS 1022E is located northwest of Landfill No. 3 (SWMU-5).

The USACE (USACE, 1989) records search report stated that eight to 10 containers of radioactive material from Building 230 were buried 30 feet below this site. Other reports have indicated that this material probably consisted of boxes of blocking tubes (or vacuum tubes) each containing one millicurie (mCi) of radium-226. Prior to the removal action, an unlabeled piece of angle iron marked the position believed to be the center of the site (Chem-Nuclear Environmental Services [Chem-Nuclear], 1990).

1.4.10 AOC Drainage Spillway (no SWMU designation)

The Drainage Spillway is a drainage area located northwest of Building 1030, (PRC Environmental Management, Inc., [PRC, 1989]). Building 1030 is located east of Landfill 2 (SWMU-4).

The Drainage Spillway receives runoff from Building 1030 roof drains and ramp areas and may have received drainage from the wash rack drains (IT Corp., August 1999). Rinsewaters could have contained degreasers, petroleum hydrocarbons, and chlorinated solvents.

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SECTION 2.0

Background

2.1 Site Operations and History

Tinker AFB, originally known as the Midwest Air Depot, then Tinker Field, began operations in July 1941. During World War II, the depot was responsible for reconditioning; modifying; and modernizing aircraft, vehicles, and equipment. The following sections describe the operations of each of the nine SWMUs and one AOC listed in Section 1.0. The majority of the information, unless otherwise referenced, is from the IT Corporation Phase I and Phase II RFI reports (IT Corp., September 1994; IT Corp., April 1999).

Table 2-1 shows the various designations that have been used at Tinker AFB to refer to the sites in this RFI report.

TABLE 2-1
Site Names and Designations
RCRA Facility Investigation, IRP Site CG038

Site Name	Informal Designation	SWMU Number	IRP Site Code
Landfill 1	LF1	SWMU 3	LF11/LF011
Landfill 2	LF2	SWMU 4	LF12/LF012
Landfill 3	LF3	SWMU 5	LF13/LF013
Landfill 4	LF4	SWMU 6	LF14/LF014
Fire Training Area 1	FTA 1	SWMU 7	FT21/FT021
Supernatant Pond	SP	SWMU 11	WP17/WP017
Radioactive Waste Disposal Site 1022E	1022E	SWMU 22	RW29/RW029
Radioactive Waste Disposal Site 62598	62598	SWMU 21	RW27/RW027
Radioactive Waste Disposal Site 1030W	1030W	SWMU 19	RW25/RW025
Drainage Spillway	Spill Pond	None	None

Although discussed in this section of the report, the FTA 1 and the SP are located north of Crutcho Creek in GWMU 2 Subunit 2C and are included only with regard to their potential as additional sources for the contaminant plume located in Subunit 2D.

2.1.1 Landfill 1

Landfill 1 was operated from 1942 to 1945. The landfill received most of the solid and some of the liquid wastes, including general refuse and industrial wastes, generated at Tinker

AFB. The site may have received waste solids from the domestic wastewater treatment plant (Radian, 1985). The waste was placed in unlined trenches running east to west across the site, and was typically burned to reduce the volume. The trenches extended to a depth of 10 to 25 feet, through a six- to eight-foot clay layer into a sand/sandstone zone (IT Corp., September 1994 and April 1999). However, if excavations were deeper than about 20 feet, they would have been below the depth of groundwater. The waste was covered daily with several inches of soil excavated during the landfill construction. The quantity of waste placed in Landfill 1 is estimated to be approximately 21,780 to 36,300 cubic yards (yd^3) (USACE, September 1993).

Landfill 1 was well covered and showed no exposure of the trenches during closure operations in 1945. However, subsequent differential settlement within the trenches resulted in surface depressions that collected precipitation. The ponded water evaporated or percolated into the landfill.

An interim remedial action to construct a two-acre cap over Landfill 1 was completed in March 1991 (IT Corp., September 1994; IT Corp., April 1999). The cap was designed and constructed to meet the requirements of the July 1989 EPA Landfill cover system guidance document. The cap design included the following elements:

- Six inches of topsoil with a vegetative cover
- An 18-inch-thick layer of compacted fill soil
- Synthetic drainage net and filter fabric
- Flexible membrane liner
- A 24-inch-thick layer of compacted clay
- Base fill layer with three to five percent initial slope for drainage

A fence was installed around the cap to restrict access to the area and protect the integrity of the landfill cover (Black and Veatch, 1990).

2.1.2 Landfill 2

Landfill 2 has a surface area of approximately 27.5 acres. After closure of Landfill 1, Landfill 2 was opened and operated from 1945 to 1952. This landfill was used primarily for disposal of general refuse from the Base, including sanitary and industrial waste, along with unknown quantities of paints and solvents. Small quantities of low-level radioactive waste such as radio tubes were also disposed of in the landfill. The waste was disposed of in trenches approximately 20 feet in depth and 35 to 40 feet wide, in an east-west orientation. The trenches, dug to a similar depth regardless of topography, generally slope downward to the east. The refuse was covered daily with several inches of excavated native soil, and completed trenches, when filled, were covered with three to four feet of soil (IT Corp., September 1994; IT Corp., April 1999).

One specific-use sludge dump area was found in the northeast portion of the landfill during previous investigations (USACE, September 1993). The USACE investigation did not find

any records on the types of materials disposed of in this area. However, borings revealed a "black, sludge-like material" described as industrial solvents and hydrocarbons.

The trash found in the landfill was composed primarily of wood, metal, paper, rubber, and plastic materials, including medical waste. The quantity of waste placed in Landfill 2 was estimated to be approximately 600,000 cubic yards. The southern end of the landfill was used for re-drumming and storing the contents of leaky drums from various base operations. Drummed materials, including solidified polymer and metal shavings, were found in the trenches on the southwestern edge of Landfill 2. The inactive RWDS 1030W (SWMU-19) is located in the central portion of Landfill 2.

A former recreation pond, Pistol Pond, was located on the eastern half of Landfill 2, and most of the surface water on the landfill discharged to the pond area. The pond was constructed sometime after landfill operations were discontinued. The pond was drained in 1986 by breaching the Pistol Pond dam. After breaching in 1986, the pond retained little water except for a depressed area in the northwest portion of the pond that filled during periods of precipitation. The pond area and the remainder of the surface water runoff drained to Crutcho Creek through culverts under Vanaman Road. At that time, landfill gas emissions were evident across the surface of the landfill where, during periods of precipitation, the gas could be seen bubbling from the ground. Localized areas of leachate discharges were evident across the landfill, especially along the slopes. These leachate areas produced areas void of vegetation across the landfill. An unnamed road intersected the southeast portion of the landfill and provided access to the Family Camp Recreation Area. In 1986 and 1987, Beaver Pond, located in the Family Camp area, was dredged and the material was placed on the north-central section of Landfill 2. Underground gas, water, and sanitary sewer lines were located in the southern section of Landfill 2, but these utilities were relocated as part of the Landfill cap construction in 1997 (IT Corp., April 1999).

The original design of a 28-acre landfill cap for Landfill 2 was completed by Black and Veatch in September, 1992 (IT Corp., September 1994). However, this design was later revised by IT Corp. and a RCRA-compliant cap was completed as an interim corrective measure in October 1998 (IT Corp., June 1999). The cap consists of the following components:

- A 24-inch-thick protective layer to protect the underlying liner from frost, environmental conditions, and burrowing animals. It includes a six-inch layer of topsoil to support vegetation and minimize erosion.
- A lateral drainage layer (one-sided geocomposite) to intercept surface water that infiltrates the protective layer. This provides drainage for the intercepted water to the landfill perimeter drains. The perimeter drains carry the water around the boundary of the cap and control discharge.
- A flexible membrane liner of 40-mil low-density polyethylene (LDPA) having a permeability of less than 1×10^{-12} centimeters per second (cm/sec).
- A geosynthetic clay liner (GCL), consisting of a bentonite clay mat bound on both sides by geotextile fabric having an average permeability of 3.4×10^{-9} cm/sec.

- A passive gas collection system, consisting of gas vents connected to a drainage net. The collection system was also designed and constructed to serve as a leachate collection system.
- A 12-inch-thick, compacted clay foundation layer to provide a stable sub-base for the synthetic cap.
- A rough-grading layer to provide a consistent surface for constructing the clay foundation.

A fence was installed around the cap to restrict access to the area and protect the integrity of the landfill cover. Detailed design and construction features of the Landfill 2 RCRA cap are contained in the *Interim Corrective Measures Report*, Landfills 2 and 4 (IT Corp., June 1999).

2.1.3 Landfill 3

Landfill 3 was active from 1952 to 1961 and was used primarily for the disposal of general refuse, although paint buckets, insecticide cans, and barrels have been found in the landfill trenches. A number of low-level radioactive vacuum tubes were also buried at the site. The following two specific-use dump areas were known or suspected to exist within the boundaries of Landfill 3:

- A sludge dump, located in the south-central area of the landfill, was in use from 1961 to 1968. This dump is reported to contain waste oils and other liquids from industrial operations at Building 3001 and waste fuels and sludge from the Petroleum Oil Lubricant (POL) Facility (USACE, 1989).
- An area reportedly containing lead-contaminated soils is located in the northern portion of the landfill (USACE, 1993). The suspected source of this contamination was not documented in the prior reports.

Landfill trenches were excavated as deep as 25 feet through a clay layer and into a hard rock layer. This indicates excavation through the Hennessey and into the Garber sandstone.

Approximately 180,000 yd^3 of waste materials are estimated to have been placed in Landfill 3. After the area was actively used as a landfill, it served for a time as a storage area for dirt and construction rubble.

In 1988, the USACE contracted with Roy F. Weston, Inc. to perform a full-scale test of a low-temperature thermal treatment system to demonstrate the system's effectiveness in removing volatile organic compound (VOC) and semivolatile organic compound (SVOC) contamination from the sludge dump soils. Test holes drilled at the sludge site indicated the presence of high concentrations of solvents in groundwater, primarily trichloroethylene, and a hydrocarbon layer floating on the groundwater. Approximately 900 cubic yards of sludge contaminated soil was estimated to be present. During the test, polychlorinated biphenyls (PCBs) were also discovered in the sludge soils and processed soils. Additional sampling and analysis confirmed the presence of Aroclor-1260 in the excavated soils. The test was discontinued and all excavated soils were placed back in the excavation.

An interim remedial action to construct a cap over Landfill 3 was completed in December 1991 (IT Corp., April 1999). The cap was designed and constructed to meet the requirements

of RCRA and the July 1989 EPA Landfill Cover System Guidance document. The cap consists of the following elements:

- Six inches of topsoil with a vegetative cover
- An 18-inch-thick layer of compacted fill soil
- Synthetic drainage net and filter fabric
- Flexible membrane liner
- A 24-inch-thick layer of compacted clay
- Base fill layer with three to five percent initial slope for drainage

A fence was installed around the cap to restrict access to the area and protect the integrity of the landfill cover (Black and Veatch, 1990).

2.1.4 Landfill 4

Landfill 4 was active from 1962 to 1968. The landfill was used primarily for the disposal of general refuse including medical waste, but drums of materials including solidified solvents and metal shavings were also deposited in the landfill. Landfill 4 was constructed by excavating a series of trenches approximately 34 to 40 feet wide and 25 feet deep oriented east to west, with several inches of excavated native soil placed in the landfill trenches daily (IT Corp., September 1994). A final cover of three to four feet of soil was placed over the trenches upon closure of the site. Numerous surface discharges of leachate and gas created areas void of vegetation along the western edge of the landfill. One specific-use sludge dump was located in the central portion of the landfill. This area was used for landfarming sludges taken from the bottom of petroleum and solvent storage tanks. Approximately 320,000 yd^3 of waste materials are estimated to have been deposited in Landfill 4 (IT Corp., September 1994)

The original design of a landfill cap for Landfill 4 was completed by Black and Veatch in September 1992 (IT Corp., September 1994). However, this design was later revised by IT Corp., and a RCRA-compliant cap was completed as an interim corrective measure in October 1998 (IT Corp., June 1999). The cap consists of the following components:

- A 24-inch-thick protective layer to protect the underlying liner from frost, environmental conditions, and burrowing animals. It includes a six-inch layer of topsoil to support vegetation and minimize erosion.
- A lateral drainage layer (one-sided geocomposite) to intercept surface water that infiltrates the protective layer. This drainage provides drainage for the intercepted water to the landfill perimeter drains. The perimeter drains carry the water around the boundary of the cap and control discharge.
- A flexible membrane liner of 40-mil LDPA, having a permeability of less than 1×10^{-12} centimeters per second (cm/sec).
- A GCL, consisting of a bentonite clay mat bound on both sides by geotextile fabric and having an average permeability of 3.4×10^{-9} cm/sec.

- A passive gas collection system, consisting of gas vents connected to a drainage net. The collection system was also designed and constructed to serve as a leachate collection system.
- A 12-inch-thick, compacted clay foundation layer to provide a stable sub-base for the synthetic cap.
- A rough-grading layer to provide a consistent surface for constructing the clay foundation.

A fence was installed around the cap to restrict access to the area and protect the integrity of the landfill cover. Detailed design and construction features of the Landfill 2 RCRA cap are contained in the *Interim Corrective Measures Report*, Landfills 2 and 4 (IT Corp., June 1999).

2.1.5 Fire Training Area 1

FTA 1 was used from 1950 to 1962 as a fire control training area for Tinker AFB fire fighters. Prior to exercises, the area was saturated with water to reduce infiltration of flammable liquids into the soil. Fire-fighting exercises consisted of dousing an old aircraft with flammable liquids (possibly including solvents and waste oils), setting it on fire, and then extinguishing the fire. Other exercises consisted of filling the area inside the dike with flammable liquids, igniting the liquids, and then extinguishing the fire. Water and/or a protein-based foam was used to extinguish the flame. After the exercises, the residual liquids were allowed to evaporate or percolate into the soil. No records or documents exist that identify the flammable liquids used (ES, 1982).

2.1.6 Supernatant Pond

The SP is located east of and adjacent to Patrol Road and approximately 200 feet north of the northwest-flowing Crutcho Creek. The SP appears on Tinker AFB maps as early as 1954. The former pond covered an area of approximately 6,400 ft^2 and is described by former and current Tinker AFB employees as "resembling a swimming pool." This structure was unlined (Tinker, 1992).

The SP was used as an impoundment for sewage effluent between 1954 and about 1970. As-built drawings show the SP was connected by a 10-inch-diameter sanitary sewer pipe to the sludge drying beds at a sewage treatment plant located approximately 800 feet northwest of the site. Use of the sewage treatment plant was discontinued in 1970. Base personnel continued to use the SP as a disposal site for liquid wastes generated from base operations until 1980. Reportedly, these wastes included petroleum hydrocarbon sludge, solvents, and cyanide-contaminated liquids. Between 1980 and 1984, the SP was used for disposal of construction rubble and dirt (USACE, 1994).

During its period of operation, the SP was periodically subject to overflow during heavy rainfalls. The overflow entered a tributary just southeast of the site and flowed into Crutcho Creek (USACE, 1994).

When the pond ceased to be used as a disposal site in 1980, soil fill was placed in the depression. This fill was subject to significant settling and would not support growth of vegetation. Subsequently, construction rubble, consisting of asphalt, concrete, plastic pipe, etc., was placed in the pond followed by a layer of soil fill to maintain grass over the site.

Approximately 300 yd^3 of construction material were used as backfill when the SP was removed from use (Tinker, 1992).

Remediation of the SP was completed in November 1992 using stabilization/solidification (SS) technology.

2.1.7 Radioactive Waste Disposal Site 1030W

The inactive RWDS 1030W (SWMU-19) is located in the central portion of Landfill 2. RWDS 1030W was reported to be a disposal site for burned radium dial waste, including rags and solvent solution. The waste was dumped in a pit, then burned, and then covered with soil. The RWDS 1030W site was later remediated by removing contaminated soils at the site until all remaining soil was within Nuclear Regulatory Commission (NRC) regulatory limits with respect to radionuclide concentrations (IT Corp., April 1999).

Remediation of RWDS 1030W was accomplished in the spring and summer of 1997 (IT Corp., April 1999). The remediation consisted of:

- Point source excavation
- Lift excavation
- "Orphan" spot excavation outside of lift excavations

Excavated soils were stockpiled, sampled, and either disposed as waste or used as backfill, depending on the analytical results (IT Corp., April 1999). The entire area of RWDS 1030W was covered with a RCRA landfill cap when Landfill 2 was capped in 1998.

2.1.8 Radioactive Waste Disposal Site 62598

Radium-coated dials were used in the instrumentation panels of planes during the 1940s and 1950s. The radium paint was stripped from the dials with acetone or methyl ethyl ketone, resulting in a radium paint chlorinated solvent solution. Initially, this waste was sent to Canadian Radium and Uranium Corporation in Mt. Kisco, New York. However, this practice was discontinued in 1951 to save money, and after 1952, this waste was processed on-base. A still made of lead was constructed at the location of RWDS 62598 to volatilize the solvents from the solution. This process reduced the volume of waste. It was anticipated a new still would be needed every four to five years. The still was made from a sheet of lead shaped into a tube approximately 12 to 18 inches in diameter and about 18 inches high with a soldered bottom. Whenever the still became radioactively "hot," a top was soldered on, and the still was buried (USACE, 1989). The term "hot" reportedly refers to unacceptable readings from a Geiger counter used to monitor the still for safety (no reference has been found that indicates what constituted "unacceptable readings").

The Chief of Bioengineering at Tinker AFB, from 1950 to 1956, (who was also the Base Radiological Officer) confirmed the lead still was buried at the location of RWDS 62598 in 1955. He stated that he believed this was the only still buried on Tinker AFB. Reportedly, the still was buried three to four feet deep but could have been as deep as six feet. The Phase II report by Chem-Nuclear Environmental Services (Chem-Nuclear, 1990) identified an Air Force document stating the still had been removed from the site and suggesting that a buried object no longer exists at RWDS 62598. A record search conducted in 1989 did not

confirm such a removal. No information has been found that describes other subsequent radium stills, if there ever were any (IT Corp., September 1994).

2.1.9 Radioactive Waste Disposal Site 1022E

RWDS 1022E was reported to be the burial site of eight to ten containers of radioactive material that may have consisted of blocking tubes (vacuum tubes), each containing one mCi of radium-226. RWDS 1022E was located northwest of Landfill 3 and was covered with the landfill cap.

2.1.10 AOC Drainage Spillway

Storm drains collect runoff from the Building 1030 area (roof drains and ramp areas) and empty through the Drainage Spillway to the spill pond downstream. The surface water runoff from the Drainage Spillway is sampled weekly in accordance with the National Pollutant Discharge Elimination System (NPDES) storm water monitoring program. In 1994, dye tests performed at Building 1030 demonstrated that building floor drains connected to the sanitary sewer and not the spillway.

2.2 Summary of Previous Investigations

The following sections describe previous investigations conducted at the nine SWMUs and one AOC. In some instances, not all borings or monitoring wells discussed in the previous investigations are shown on the associated maps. Prior to 1994, Tinker AFB investigated soil and groundwater together for each site. The Phase I RFI report (IT Corp., September 1994) summarizes all investigations that were done at the nine SWMUs and the AOC.

Since 1994, groundwater contamination has been monitored and investigated separately from the soil contamination. In 1994 and 1995, 70 new wells and 48 piezometers were installed and sampled by Brown and Root Environmental, Inc. (BRE) in and around Landfills 1 through 4, the FTA 1, and the Supernatant Pond. Several perimeter monitoring wells were also installed along the western and southern perimeter of the Base. These wells were part of the total of 261 new wells and piezometers installed basewide (IT Corp., June 1997). Ten additional wells were installed southwest of Landfills 2 and 4 by IT Corp. in 1995 for a groundwater pump test.

In 1996, Tinker AFB contracted BRE to install 96 new monitoring wells and to plug/abandon several existing monitoring wells on the Base (BRE, November 1997). This work included installing the following 15 new monitoring wells in and around Landfills 2 and 4: 2-290B, 2-291B, 2-292B, 2-293B, 2-294B, 2-295B, 2-296B, 2-297B, 2-298B, 2-299B, 2-300B, 2-304B, 2-333B, 2-334B, and 2-335B. BRE also installed 58 temporary wells in GWMU 2 at this time.

In 2000, a number of monitoring wells were installed in an attempt to fill data gaps. New wells in 2000 include 2-443B, 2-444B, 2-445B, 2-446B, 2-447B, and 2-448B. Wells were completed and sampled by Tetra Tech, Inc.

In 2001, seven monitoring wells were added off-base in the Tinker View Acres subdivision to assess whether groundwater contaminants had migrated off-base. Two additional

monitoring wells (2-259B and 2-260B) were also installed on-base in order to fill data gaps. Each of the wells were completed and sampled by Tetra Tech, Inc.

Groundwater investigations have been reported in the Basewide Non-NPL Groundwater Phase II RCRA Facility Investigation for Appendix I and II SWMUs reports by IT Corp. (June 1997; Addendum 1, September 1999; draft Addendum 2, September 2000; draft Addendum 3 in progress). The June 1997 report presents groundwater analytical results and plume maps from two groundwater sampling events, basewide sampling in 1993/1994 and newly installed wells in 1994/1995. The Addendum 1, September 1999 report presents data and interpretations from a single round of groundwater sampling in 1995/1996. The draft Addendum 2 report presents data and interpretations from a single round of groundwater sampling in 1996/1997, and the Addendum 3 report (in progress) will present groundwater data and interpretations from a single round of sampling in 1998/1999.

The final reports for the Phase II RCRA Facility Investigations, Appendix I Sites (IT Corp., April 1999) are the most recent and final investigations of soil contamination at the SWMUs and AOC.

Tinker AFB has also investigated the possible groundwater-surface water interactions and the potential for surface water and sediment contamination along Crutcho Creek (Battelle, 1994; Parsons E-S, March 1996; March 1997; January 1998; March 1999; April 1999). These studies have identified the "losing," "gaining," and equilibrium reaches of the creek, as well as areas where contamination may be entering the creek from contaminated groundwater discharge. Tinker AFB currently performs semi-annual surface water and sediment monitoring of Crutcho Creek that is reported annually (Parsons E-S, April 1999).

Finally, during 1997 and 1998, a 20-well groundwater extraction and treatment system was installed as shown in Figure 1-4. This system is considered to be an interim action designed primarily to prevent further migration of contaminated groundwater in the Upper Saturated Zone in CG038 (Subunits 2D and 2E) as well as to capture groundwater 'hot spots'(IT Corp., March 1997). This system has been fully operational since March 1999.

2.2.1 Landfill 1

Figure 2-1 shows the locations of soil borings and monitoring wells installed in and around Landfill 1 during several periods of investigation. Tinker AFB began its initial investigation of Landfill 1 with a records search performed under contract by Engineering Science, Inc. (ES, 1982). Information was obtained from shop files, real property files, and interviews with past and present Base employees associated with various squadrons, offices, plants, operations management, and disposal areas.

The records search study determined that general refuse placed in Landfill 1 was burned to reduce the volume. The records search report concluded that Landfill 1 posed a low potential for migration of contaminants, and there were no recommendations for additional investigations at the landfill (IT Corp., April 1999).

In 1983, Radian Corporation performed two phases of field investigations (Radian, 1985) to determine whether environmental contamination had resulted from waste disposal practices, to determine the magnitude and extent of any contamination, to identify environmental

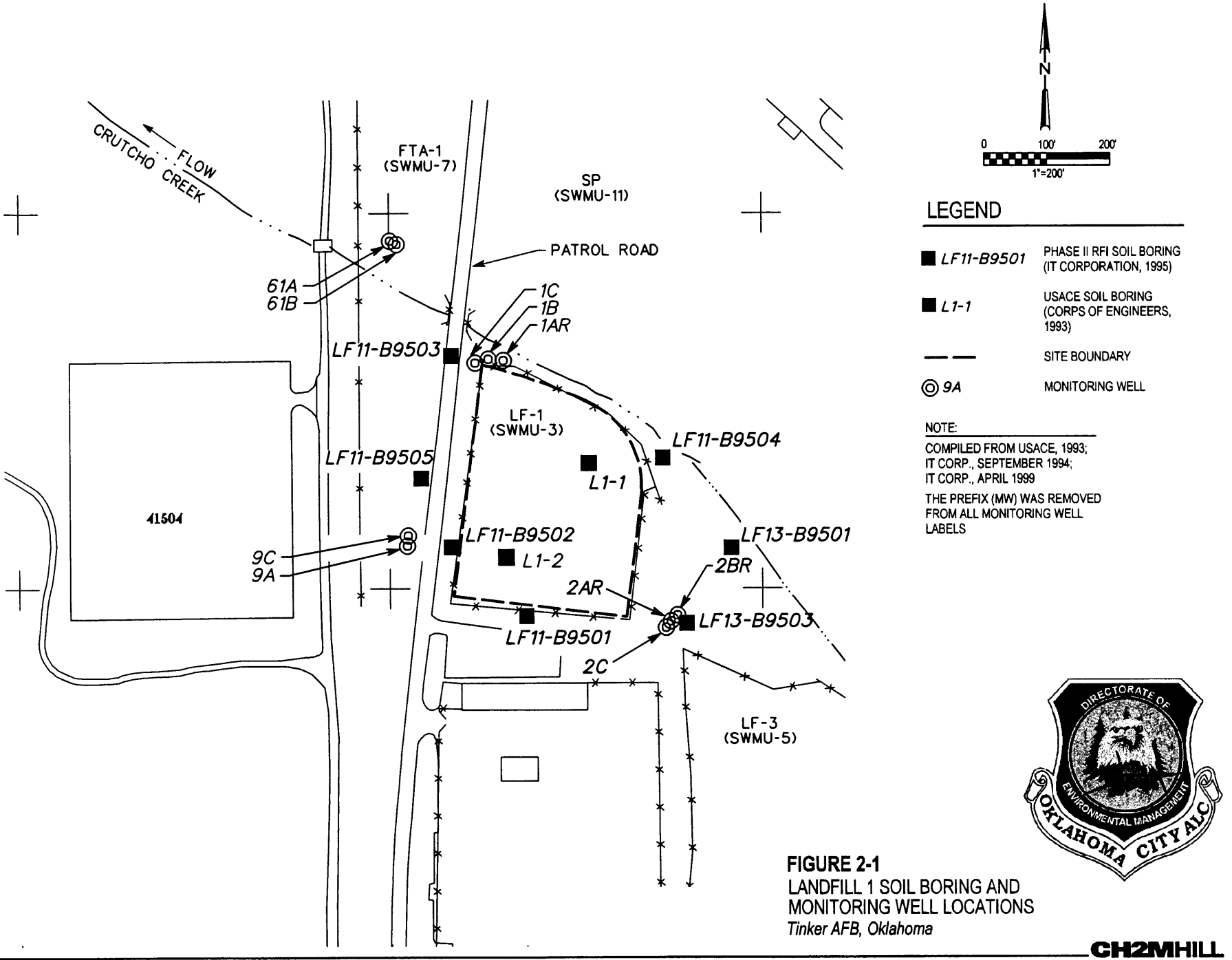


FIGURE 2-1
LANDFILL 1 SOIL BORING AND MONITORING WELL LOCATIONS
Tinker AFB, Oklahoma

CH2MHILL

consequences of migrating pollutants, and to recommend additional investigations, if necessary.

Prior to Radian's 1983 investigation, Tinker AFB had installed five monitoring wells (MW) (numbered 1 through 5) south of and parallel to Crutcho Creek. Two of these wells (numbers 1 and 2) are located around Landfill 1. Radian installed three additional wells in the area in 1983, one of which was labeled MW-1A and was located west of Landfill 1. This well was later re-named 9A (Figure 2-1) by the USACE. Sediment samples were collected along Crutcho Creek during the 1983 Radian study, and one sample was obtained along the creek downstream from Landfill 1.

Radian's next round of field investigation was conducted from June through October 1984 and focused on areas of contamination discovered previously. This later field work involved sampling sediment along Crutcho Creek and installing 16 monitoring wells in areas other than around the landfills. The sediment sample collected downstream from Landfill 1 in 1984 had no elevated levels of industrial contaminants (IT Corp., September 1994).

Between 1986 and 1990, Tinker AFB contracted the USACE, Tulsa District to conduct a remedial investigation (RI) of Landfill 1 as part of the U.S. Air Force IRP. In February 1987, the USACE drilled two soil borings (L1-1 and L1-2) into landfill trenches at Landfill 1. Waste material encountered in both borings indicated the presence of general refuse. Analytical results of soil and water samples collected from the trench borings showed contamination from organic compounds and metals.

During the RI, the USACE installed five monitoring wells in the general vicinity of Landfill 1 (MW-1B, 2B, 9B, 61A, and 61B), and used these wells in addition to the pre-existing Radian well (MW-9A), to characterize groundwater around Landfill 1. Four of the USACE monitoring wells were placed in either the USZ or the LSZ as a comparison cluster well. These wells were sampled during the RI, and continue to be sampled as part of the ongoing groundwater monitoring program for the site (IT Corp., April 1999). From the three well pairs installed directly around Landfill 1 (MW-1A, 1B; 2A, 2B; and 9A, 9B), the USACE concluded that the water within the Landfill 1 trenches is hydraulically connected to a "perched" water zone and Crutcho Creek. Groundwater flow within the "perched" zone was interpreted to be towards the south and southwest in the Landfills 1 through 4 area due to a local topographic high at Landfill 3. The perched zone has more recently been interpreted as the HWBZ (IT Corp., April 1999), with groundwater flow in the HWBZ to the northeast. The groundwater which was interpreted to flow to the southwest is now known to be the USZ. The USACE had incorrectly interpreted the USZ as a perched aquifer based on hydrogeologic interpretations on the east side of the base.

Soil samples collected during the RI were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. Contaminant concentrations were compared to health- and environment-based action levels. A total of nine metals were detected in the landfill soil; however, cadmium and mercury were the only metals detected at levels exceeding naturally occurring background concentrations. No VOCs, SVOCs, pesticides, or PCBs were detected at concentrations exceeding action levels (IT Corp., September, 1999).

In 1989, Black & Veatch Waste Science and Technology Corporation (B&V) evaluated alternative cover systems for Landfill 1 and investigated the need to relocate an active

sanitary sewer line beyond the limits of the cover system. In January 1989, the EPA determined that the landfill would be included in a Part B RCRA permit, because of the Hazardous and Solid Waste Amendment. RCRA-required changes were incorporated into the design, and a landfill cover system was constructed and completed in March 1991 as an interim action. The installed cover was accepted as a permanent, final RCRA cover by the Oklahoma Department of Environmental Quality (ODEQ) on 25 July 2001.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform long-term monitoring of groundwater monitoring wells at the site. A program of long-term groundwater monitoring, performed by IT Corp., is ongoing at the facility and the data set is currently evaluated annually by Tinker AFB.

In 1994, IT Corporation prepared a Phase I RFI report (IT Corp., September 1994) to provide Tinker AFB with one comprehensive report summarizing the various investigations at Landfill 1 performed since 1981. The report characterized the site, identified actual or potential receptors, and determined the action levels for protecting human health and/or the environment. The Phase I RFI for this site involved reviewing data from various investigations and compiling those data into one report. Upon completion of the review, IT Corp. recommended that site-specific background data and additional site data be collected to further define the extent of contamination at Landfill 1, even though an interim remedial measure (landfill cap) had been installed.

In 1995, Tinker AFB contracted IT Corp. to conduct a Phase II RFI of the soils at Landfill 1. Prior to this time, contaminated groundwater areas throughout the base were being investigated and characterized together with the contaminated soils within the SWMUs (IT Corp., April 1999). As part of the Phase II RFI, no additional monitoring wells were installed or sampled, but an additional five soil borings (LF11-B9501 to LF11-B9505) were drilled and sampled around the perimeter of Landfill 1 to characterize soil contamination. The Phase II RFI recommended no further action for the soil contamination.

From 1994 through 1996 additional wells and piezometers were installed in the overall landfill area as part of the Basewide Groundwater RFI, discussed in Section 2.2. Wells installed near Landfill 1 include those in the 2-123 well cluster, 1C, 2C, and 9C. These wells were installed in April-May, 1995.

In 1999, Parson's Engineering-Science prepared a draft baseline soils human health and ecological risk assessment for the SWMUs in the southwest quadrant. The risk assessment does not evaluate risks from groundwater contamination (PES, September 1999).

Some of the monitoring wells have been re-numbered since they were first installed. Well clusters 1 through 5 of the original wells (pre-1983 Radian) remain at their original locations. However, Tinker AFB added letter designations to these wells at a later date. For example, the USACE added 1B at the MW-1 cluster. Tinker AFB later changed MW-1 to MW-1A, which was then replaced by MW-1AR. At the monitoring well 9 cluster, 1A became 9, the USACE added well 9B, Tinker AFB changed 9 to 9A, Tinker AFB added 9C, and Tinker AFB plugged 9B. The two existing wells are 9A (screened in the USZ) and 9C (screened in the LSZ).

In the monitoring well 2 cluster, MW-2 was the first well installed. The USACE added well 2B. Tinker AFB renamed well 2 to 2A, then Tinker AFB added well 2C. Tinker AFB replaced

2A with 2AR, and 2B with 2BR. The three existing wells are 2AR, 2BR, and 2C (Scott Bowen, personal communication, May 2000).

2.2.2 Landfill 2

Figure 2-2 shows the locations of soil borings and monitoring wells that have been installed in and around Landfill 2 during several periods of investigation. Landfill 2 was among 14 of the individual sites identified for the Phase I studies for the Tinker AFB IRP. The studies were completed by Engineering Science, Inc. (ES, April, 1982). The Phase I study conducted a records search for the identification of past waste disposal activities to evaluate potential sources of contamination (IT Corp., April 1999).

Field activities under the Phase II investigation were initiated in 1983 by Radian Corporation (Radian, 1985a). Part of the purpose of these activities was to determine if environmental contamination had occurred due to disposal and management practices at the landfills, including Landfill 2. Activities included the following: an estimate of the magnitude and extent of contamination; the identification of environmental consequences of migrating pollutants; and the recommendation for additional investigations necessary to identify the magnitude, extent, and direction of migration of discovered contaminants.

As part of the investigation, Radian installed an monitoring well (1B) in the vicinity of Landfills 2. This well, along with others Radian installed near the landfills, and existing monitoring wells 1 through 5 installed south of and parallel to Crutcho Creek, suggested that the depth to groundwater ranged from four to fifty feet below the ground surface in the vicinity of the landfills. This large range in depth to groundwater is now known to be incorrect, since the depth to the HWBZ is shallow everywhere across the area. Of wells existing at that time, only wells 4, 5, and 1B (later renamed 10B) are either up- or down-gradient to Landfill 2.

Radian also analyzed a surface water sample collected from Pistol Pond. The sample did not display elevated levels of contaminants. However, Radian did conclude that the pond was a driving hydraulic head for recharge through the landfill, resulting in the leaching of landfill materials.

In April and May 1986, perimeter wells were installed by the USACE along the southwest perimeter of the Base to monitor for potential contamination. Three of the perimeter well clusters (MW-45A, 45B; 46A, 46B; and 47A, 47B) are located south or west (hydraulically downgradient) of Landfill 2.

The USACE conducted an RI of Landfill 2 between 1986 and 1990 as part of the Landfills 1 through 4 RI. The USACE assessed the magnitude and extent of contamination that originated in the Landfill 2 trenches. Investigations of Landfill 2 involved trench waste characterization, a sludge dump investigation, investigations to establish both the southeast and southwest boundaries of the landfill, and a soil gas survey. From December 1986 to February 1987, 10 soil borings (borings L2-1 through L2-10) were drilled across the trench area to characterize the material in the trenches (USACE, 1993).

In June 1989, four additional soil borings (borings L2-11 through L2-14) were drilled by the USACE along the eastern edge of Landfill 2 to better define the landfill boundary. A specific-use sludge dump was discovered at boring L2-11, in the northeastern corner of the

landfill. Borings L2-12, L2-13, and L2-14 were drilled in the southeastern edge of the landfill. No wastes were encountered in these three borings, so the landfill boundary was revised to exclude this area. This modification placed the southeast corner of Landfill 2 approximately 300 feet west of Reserve Road; previously the corner had been immediately adjacent to the road. The area surrounding boring L2-9, located at the edge of the revised eastern landfill boundary, was not excluded from the landfill based on evidence of trenches in the area on historical aerial photographs.

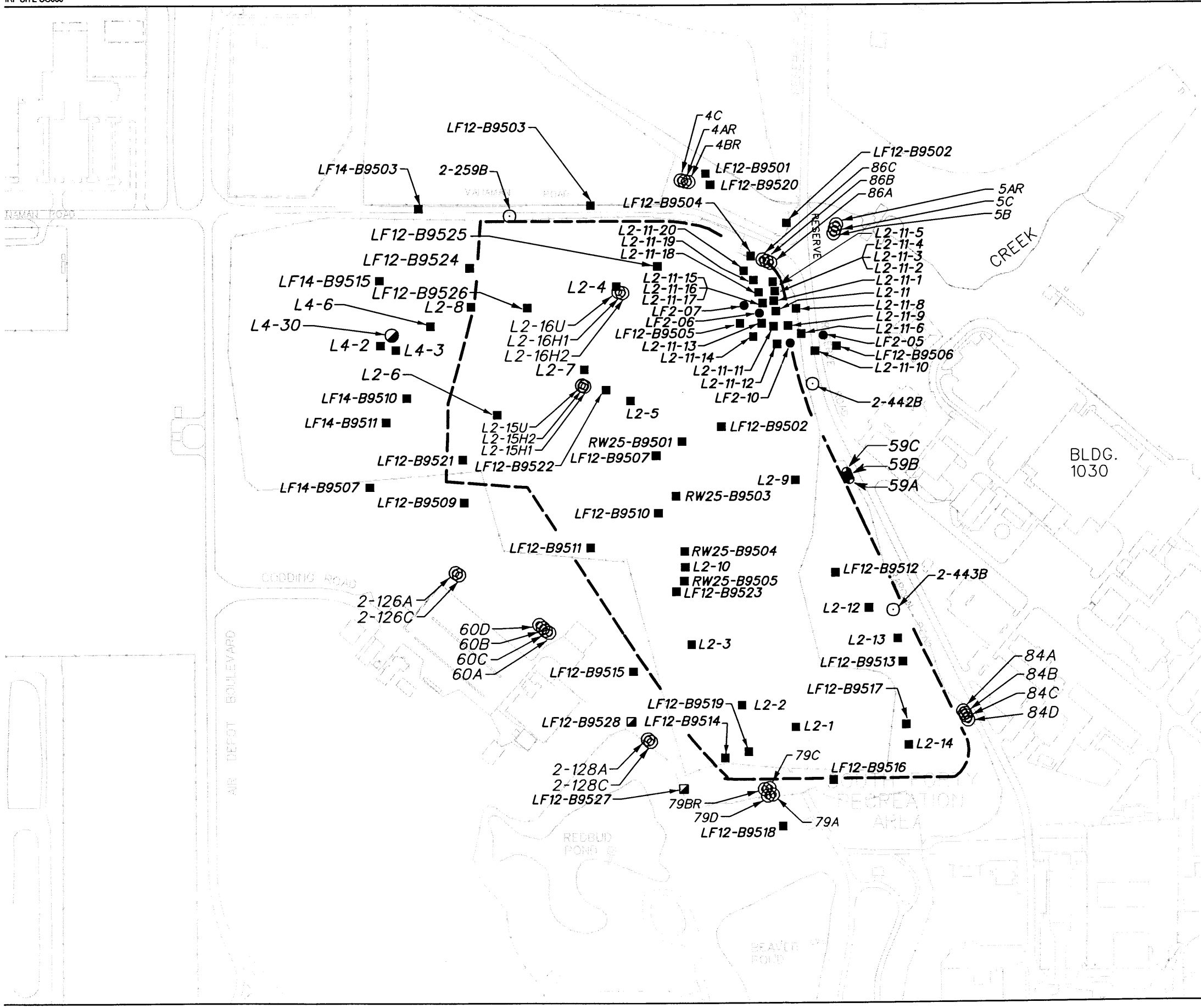
As previously discussed, boring L2-11 samples indicated the presence of a specific-use sludge dump located in the northeastern corner of the landfill. High concentrations of industrial solvents and hydrocarbons were detected in the samples. Records on the type of material deposited in this area were not available, and so an investigation was performed to characterize the sludge material. Borings in this area revealed a black, sludge-like material. A follow-up investigation was conducted in the vicinity of the sludge dump to determine the lateral and vertical limits of the sludge dump and to further characterize the contaminants present. This investigation, conducted in May 1990, involved the drilling of 19 borings (borings L211 -1 through L2-11-19) in six directions radially from the L2-11 location where the sludge was first encountered, until a location void of any sludge material contamination was established. PVC screens were installed in some of the borings to allow for the collection of water samples (USACE, 1993).

In July, 1989 and March, 1990, Tracer Research Corporation (Tracer) conducted shallow soil gas investigations at Landfills 2 and 4. The purposes of the investigations were to define the nature and extent of VOCs present in the subsurface, and to assist in determining the placement of borings for additional soil and groundwater investigations. A total of 114 soil/gas samples were collected for the two landfills. The samples were analyzed for the following target compounds: 1, 1, 1–trichloroethane, trichloroethene, tetrachloroethane, methane, benzene, toluene, ethyl benzene, xylene, and total petroleum hydrocarbons (TPH).

The 1989 results of the investigation in the vicinity of L2-11 showed only benzene, toluene, and TPH at significant levels. The following soil gas investigation conducted by Tracer on the landfill in March 1990 was designed to obtain qualitative information on the gases evident on the landfill surface. The results of this investigation indicated areas of localized contamination within Landfill 2 for all of the screened compounds, except for methane. Methane was detected consistently across the landfill area, with concentrations decreasing rapidly at the Landfill 2 boundaries.

In 1989, B&V evaluated alternative cover systems for Landfill 2 and investigated the need to relocate utility systems within the vicinity of the landfill. B&V recommended a natural soil cover with synthetic water barrier and gas control layers (B&V, 1989,1990). A landfill cover was ultimately constructed over Landfill 2 in 1997 and 1998 as an interim action. The cover consisted of a geomembrane, a gas ventilation layer, a clay cap, and topsoil, which was seeded with grass for erosion control. The installed cover was accepted on 25 July 2001 by the ODEQ as a permanent, final RCRA cover.

A boundary investigation was conducted by the USACE in April 1990 in connection with the design of the Landfills 2 and 4 cover system in order to provide definition of the southwest boundary of Landfill 2. A series of 42 soil borings (borings L4-12A to L4-29C not shown on any maps) were drilled along the southwestern edge of Landfill 2 and the



N

0 150' 300' 450'
SCALE 1" = 300'

LEGEND

■ LF12-B9501	PHASE II RFI SOIL BORING (IT CORPORATION, 1995)
◪ LF12-B9527	PHASE II RFI SURFACE SOIL SAMPLING LOCATION (IT CORPORATION, 1997)
■ L2-1 ■ L2-11-1	USACE SOIL BORING (CORPS OF ENGINEERS, 1987, 1989 AND 1990)
● LF2-05	ARA SOIL BORING (APPLIED RESEARCH ASSOCIATES, 1992)
— — —	LANDFILL 2 BOUNDARY
◎	MONITORING WELL
⊙	MONITORING WELL ADDED AFTER 1999
◕ LF-30	PHASE II RFI NESTED PIEZOMETER LOCATION (IT CORP., 1995).

NOTE:

THE FOLLOWING USACE BORINGS WERE CONVERTED TO TEMPORARY PIEZOMETERS; L2-11-1, L2-11-6, L2-11-8, L2-11-9, L2-11-12, L2-11-19.

COMPILED FROM USACE 1993;
IT CORP. SEPTEMBER 1994;
IT CORP., APRIL 1999.

THE PREFIX (MW) WAS REMOVED FROM ALL MONITORING WELL LABELS.

FIGURE 2-2
LANDFILL 2
SOIL BORING AND MONITORING WELL LOCATIONS
Tinker AFB, Oklahoma

CH2MHILL

southern edge of Landfill 4. Field screening of the samples was performed with Draeger tubes and a PID for detection of contamination originating from Landfill 2 in the shallow subsurface soils. The Draeger tubes were utilized for analysis of vinyl chloride, acetone, and trichloroethane. VOCs were detected by the Draeger tubes and PID readings. Based on the results, borings were located outward from the existing Landfill 2 trenches until a line of borings void of any field detectable contamination was established.

In 1992, Applied Research Associates, Inc. (ARA) demonstrated the effectiveness of a prototype Laser-Induced Fluorescence-Electronic Cone Penetrometer Test (LIF-CPT) system for site characterization at Tinker AFB. From March to November, ARA investigated eight test areas, including Landfill 2. CPT soundings were completed at 112 locations, and the LIF sensor was used at 81 locations. Eleven CPT profiles were performed in Landfill 2 near the sludge dump boring L2-11. Eight soil samples and five groundwater samples were collected for onsite analysis. Four soil samples and five groundwater samples were collected for offsite analysis. Analytical results on these samples indicated no VOCs or SVOCs. Heavy metals were found in high concentrations in all soil samples. Most notable were arsenic, barium, cadmium, lead, and zinc. The ARA report considered the high metals content was typical of ash or sludge materials (ARA, 1993). Water samples from existing piezometers were collected and analyzed for VOCs. Only the original piezometer (L2-11) had detectable quantities; benzene and toluene were measured at 168 and 27 micrograms per liter (µg/L), respectively.

In 1994, IT Corporation prepared a Phase I RFI Report for Landfill 2 which primarily addressed soil contamination. The objective of the Phase I RFI was to provide Tinker AFB with one comprehensive report that summarized the various investigations at the Landfill 2 site since 1981. The report recommended that site-specific background data and additional site data be collected to further define the extent of contamination at the site. The additional data was to be collected as part of the Phase II RFI program (IT Corp., September 1994).

During May through July 1995, IT conducted geophysical surveys (magnetic and electromagnetic induction) at Tinker AFB at Landfills 2, 3, and 4 (IT Corp., October 1995). The objectives of the surveys were to delineate the lateral extent of source material within the landfill trenches; determine whether features identified from aerial photographs represented previously unidentified trenches; and identify, to the extent possible, geophysical anomalies resulting from the presence of buried drums. The survey was successful in determining that linear features identified on aerial photographs outside of the bounds of the identified landfill did not correspond to previously unidentified trenches. The survey also showed the area contained numerous scattered, isolated pits containing metallic debris.

Landfill 2 was also suspected to have been used for the disposal of radioactive materials, and so a radiological survey was performed to establish the presence or absence and extent of potential radiological contamination. The results of the radiological survey indicated that several areas in Landfill 2 had elevated count rates, indicating possible radionuclide contamination in Landfill 2. A soil removal action was implemented in 1992 at RWDS 1030W (which is located within Landfill 2) to remove the soils contaminated with radioactive materials. The success of the removal action was confirmed by the results of a drive-over survey performed at Landfill 2.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to conduct a base-wide sampling program of groundwater monitoring wells, including Landfill 2. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

From 1994 through 2001, additional wells and piezometers were installed in the area as part of the Basewide Groundwater RFI program. This is discussed in Section 2.2.

During September and October 1995, IT Corp. performed groundwater pumping tests in two wells located approximately 700 feet southwest from Landfill 2. One pumping well was screened in the USZ, and one well was screened in the LSZ (IT Corp., June 1996). The purposes of the pumping tests were to measure aquifer parameters for groundwater modeling to be used in the design and construction of a groundwater recovery system. The groundwater recovery system was completed in 1998, as an interim action, and it has been in continuous operation since March 1999.

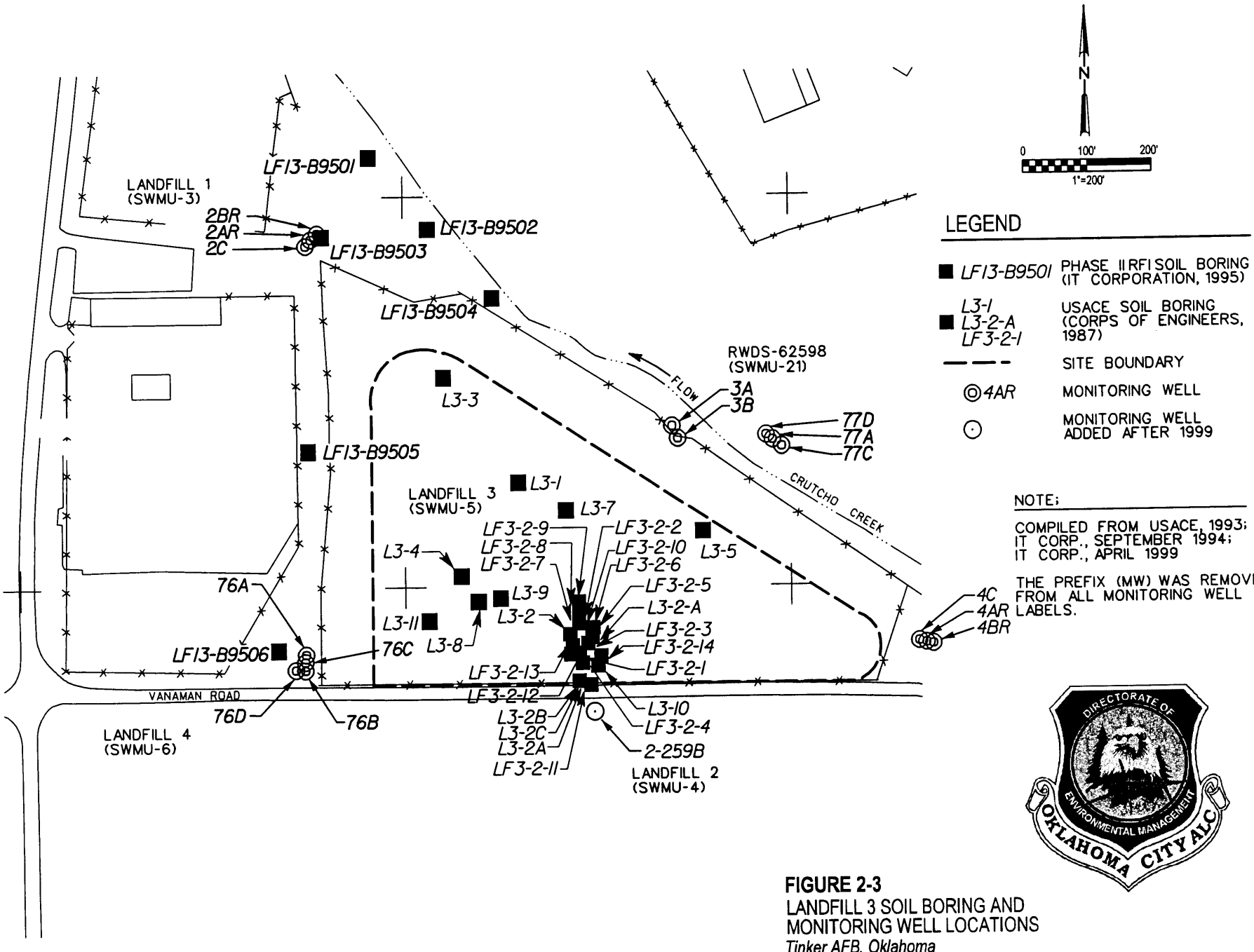
From April 22 to May 31, 1997, Tinker AFB conducted a two-dimensional seismic reflection survey in the area southwest of the landfills to identify and map possible pathways or conduits of preferential groundwater flow in the shallow subsurface. The primary target was sandstone units in the USZ . The approximate area investigated is between the 2-124 well cluster and the 47 well cluster (IT Corp., May 1999).

2.2.3 Landfill 3

Figure 2-3 shows the locations of soil borings that have been drilled and sampled in and around Landfill 3 during several periods of investigation. Landfill 3 was among 14 sites identified during the IRP Phase I assessment completed by ES in April, 1982. The Phase I assessment report concluded that Landfill 3 had a moderate potential for contaminant migration.

In 1983, Radian began field investigations at several of the IRP sites. The purpose of these efforts was to determine if any environmental contamination had occurred due to disposal and management practices at the sites identified in the Phase I assessment report. Field activities conducted during February 1984 did not involve the installation of any new monitoring wells or exploratory borings at Landfill 3. Groundwater sampling at the one existing monitoring well within Landfill 3 did not detect any significant contamination (IT Corp., September 1994). This well number is not identified in the IT 1994 report. Subsequent field work in 1984 focused on areas of contamination discovered during the earlier field work and, therefore, did not involve any additional groundwater testing or soil borings at Landfill 3. Radian collected one sediment sample from Crutcho Creek, downstream from Landfill 3, but the sample showed no elevated levels of industrial contaminants (IT Corp., April 1999).

From 1986 to 1990, the USACE conducted an RI of Landfills 1 through 4 (USACE, 1993). The USACE assessed the magnitude and extent of contamination originating from the landfill trenches. The RI scope of work included records searches, subsurface geologic explorations, installation and sampling of monitoring wells, sampling of water and solid waste from landfill trenches, and explorations to determine the extent of the waste boundary.



LEGEND

- LF13-B9501 — PHASE II RFI SOIL BORING (IT CORPORATION, 1995)
- L3-1, L3-2-A, LF3-2-1 — USACE SOIL BORING (CORPS OF ENGINEERS, 1987)
- SITE BOUNDARY
- 4AR — MONITORING WELL
- MONITORING WELL ADDED AFTER 1999

NOTE:

COMPILED FROM USACE, 1993; IT CORP., SEPTEMBER 1994; IT CORP., APRIL 1999

THE PREFIX (MW) WAS REMOVED FROM ALL MONITORING WELL LABELS.

FIGURE 2-3
LANDFILL 3 SOIL BORING AND MONITORING WELL LOCATIONS
Tinker AFB, Oklahoma

CH2MHILL

At Landfill 3, the USACE collected soil samples from 25 soil borings drilled into the landfill. The soil samples were collected at various times and were not all analyzed for the same array of chemical parameters. The following analytes were among the parameters tested: VOCs, SVOCs, metals, pesticides, PCBs, extraction procedure (EP) toxicity metals, phenols,

TPHs, total organic carbon (TOC), cyanide, pH, and conductivity. VOCs, SVOCs, metals, and PCBs were detected in Landfill 3 soils.

Groundwater quality in the vicinity of Landfill 3 was investigated by sampling groundwater from soil borings within the landfill and from selected groundwater monitoring wells adjacent to the landfill (USACE, 1993). Hydrogeological studies determined that two groundwater aquifers, now referred to as the USZ and LSZ, exist under Landfill 3. Groundwater samples were collected from eight borings to characterize the contamination within the USZ in the vicinity of the former landfill trenches (borings L3-3, L3-4, and L3-5), the sludge dump (borings L3-2-A, L3-7, L3-9, and L3-11), and the lead-contaminated area (boring L3-1) (IT Corp., September 1994). More recent interpretations of the hydrogeology in the vicinity of Landfill 3 include the shallow HWBZ, in addition to the USZ and LSZ (IT Corp., April 1999; September 1999).

Monitoring wells screened in the USZ and LSZ were sampled to determine the magnitude and extent of contaminant migration. MW 2A (replaced as 2AR) is adjacent to the landfill and was originally screened across the USZ and LSZ. Monitoring wells 3A, 4A (replaced as 4AR), and 76A are adjacent to the landfill in the USZ, and monitoring wells 4B and 76B are adjacent to the landfill in the LSZ. The USZ groundwater within the landfill was found to be contaminated with VOCs, SVOCs, and metals. The USZ and LSZ groundwater adjacent to the landfill was also contaminated with VOCs, SVOCs, and metals, but the concentrations detected were lower than those found in the groundwater directly beneath the landfill. Subsequent to the USACE groundwater sampling, several wells were plugged, abandoned and replaced because the filter packs extended across more than one saturated zone. For example, well 2A was removed and replaced in the same borehole by 2AR. The "R" denotes a replacement for the original well. Since original wells screened across both the USZ and LSZ were replaced, the apparent contaminant levels in the LSZ have dropped or gone to non-detect.

In 1989, PRC performed a RCRA Facility Assessment (RFA) to identify and assess the potential for release of hazardous waste or hazardous constituents from SWMUs and AOCs as well as to evaluate the need for further investigations. The RFA report incorporated the results of a review of the file materials available from EPA Region VI and the results of a visual site inspection performed 15 through 19 May 1989. The assessment of Landfill 3 concluded that there was a high potential for release of hazardous waste or hazardous constituents to soil and groundwater; a low potential for releases to surface water; a moderate potential for releases to air; and a high potential for the generation of subsurface gas.

In 1989, the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) contracted with Roy F. Weston, Inc. (Weston) to conduct a full-scale demonstration of their patented low temperature thermal treatment system to remove jet petroleum grade 4 (JP-4) and other VOCs from contaminated soils at the Landfill 3 sludge dump area, located in the south-central part of the landfill. Weston had previously conducted a pilot investigation of low

temperature thermal stripping of VOCs from sludge dump soil and issued a report at the conclusion of this work in 1986. During the full-scale demonstration test, Weston excavated approximately 3,000 yd^3 of material from the sludge dump area (Weston, 1990). Weston reported that the contaminated soil was excavated to a depth of 10 feet and that at the completion of excavation activities, the excavation dimensions were approximately 120 feet long, 75 feet wide, and 10 feet deep (Weston, 1990). In this area, the USZ is about 11.5 to 16 feet below ground surface, so the excavation would have penetrated very near the top of the USZ. Approximately 70 yd^3 of soil were treated before PCBs were discovered in the feed and treated soil. The demonstration test was immediately discontinued because the research development and demonstration (RD&D) permit did not allow the processing of PCB-contaminated soil. PCB concentrations were 24 to 270 parts per million (ppm) in the excavated soil and 5,900 ppm in the sludge. The excavated soils were returned to the original excavation and then covered with a clay cap, approximately two feet thick, to minimize the potential for mobilization of PCB contaminated soils (IT Corp., April 1999).

In 1989, B&V evaluated alternative cover systems for Landfill 3 and investigated the need to relocate utility systems in the vicinity of the landfill. B&V recommended a natural soil cover with synthetic water barrier and gas control layers. The study indicated that no utilities were located in the immediate vicinity of Landfill 3.

In 1990, B&V issued a design analysis report and construction specifications for the selected cover at Landfill 3 (B&V, 1990). The design consisted of a fill layer to achieve a three to five percent initial slope, a 24-inch compacted clay layer with a permeability less than or equal to 10^{-7} centimeters per second (cm/sec), a flexible membrane liner, a synthetic drainage net, filter fabric, an 18-inch layer of fill, and six inches of top soil with vegetation. The cover system selected by USACE was a modification of one of the original alternatives analyzed by B&V.

In June 1990, the U.S. Air Force issued a decision document on the cover system design for Landfill 3. The cover designs analyzed by B&V in the August 1989 design cost comparison study were modified because EPA determined in January 1989 that Landfill 3 would be included in a Part B, RCRA permit for the Base. Incorporation of RCRA requirements mandated some design modifications. The cap was installed in 1991. On July 11, 2001, the ODEQ accepted the installed cap as fulfilling the requirement for a permanent RCRA final cover for the landfill.

In February 1991, the USACE issued a preliminary draft baseline risk assessment for Landfills 1 through 4 (USACE, 1991). At these landfill sites, the following seven organic chemicals and two inorganic chemicals were determined to be chemicals of potential concern (COPC):

- Acetone
- 1,1,1-trichloroethane
- Trichloroethene
- Tetrachloroethene
- Chlorobenzene

- Trans-1,2-dichloroethene
- 2-hexananone
- Lead
- Cyanide

Inhalation of contaminated particles and inhalation of organic vapors were the only completed exposure pathways identified in the risk assessment. Industrial site workers were the only potentially exposed population. All carcinogenic and noncarcinogenic risks associated with the site were within acceptable risk levels for CERCLA sites (USACE, 1991).

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including Landfill 3. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

In 1995, Tinker contracted IT Corp. to conduct a Phase II RFI of the soils contamination at Landfill 3. Prior to this time, contaminated groundwater areas, throughout the base were being investigated and characterized as well as the contaminated soils within the SWMUs (IT Corp., April 1999). As part of the Phase II RFI, no additional monitoring wells were installed or sampled, but six borings (LF13-B9501 to LF13-B9506) were made to collect and analyze soil samples from around the perimeter of the site. The Phase II RFI recommended no further action for the soil contamination based on the low levels found.

From 1994 through 1996, additional wells and piezometers were installed in the landfills area as part of the Basewide Groundwater RFI. This is discussed in Section 2.2.

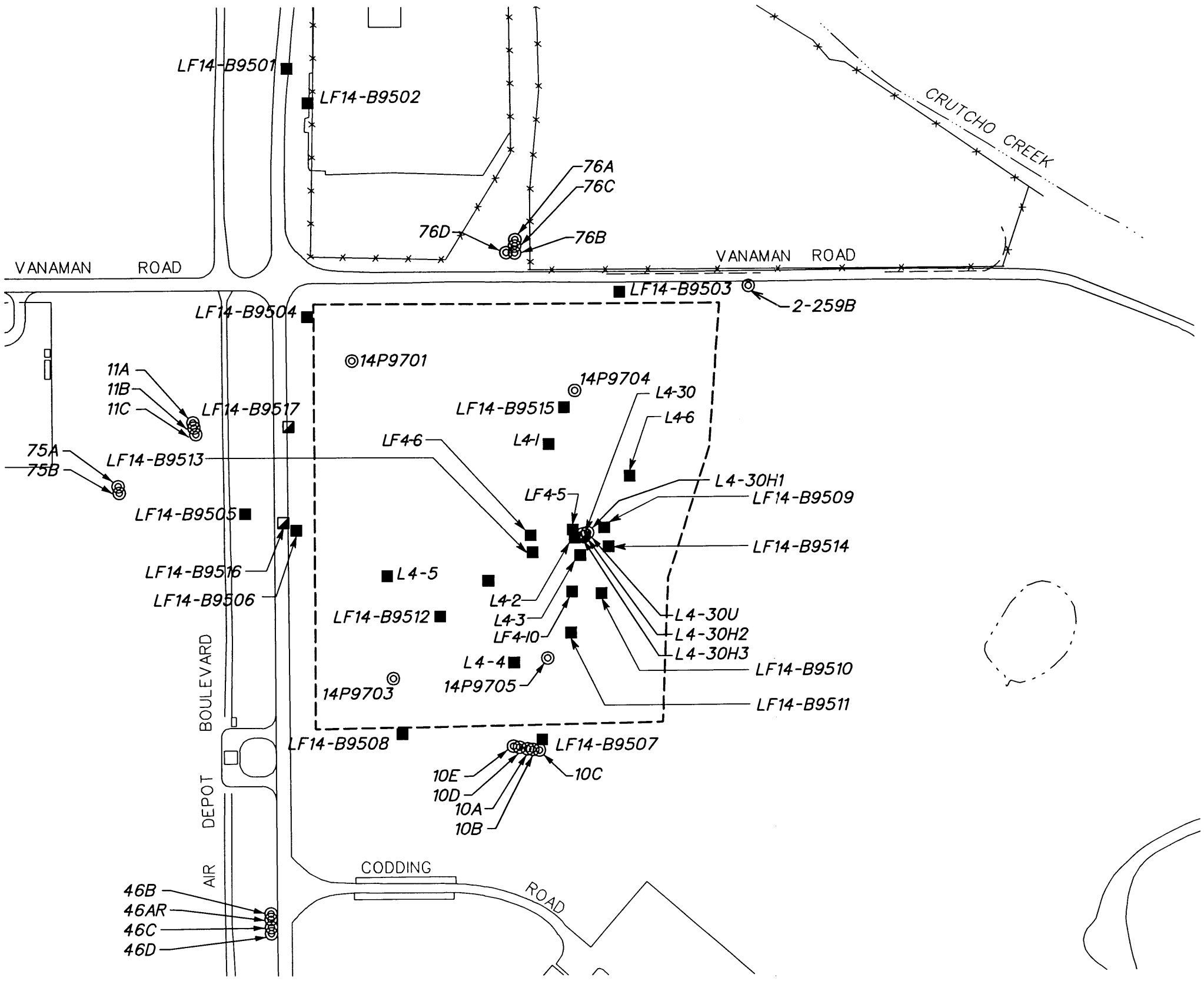
In 1999, Parsons Engineering-Science prepared a draft baseline soils human health and ecological risk assessment for the SWMUs in the southwest quadrant. The risk assessment does not evaluate risks from groundwater contamination (PES, September 1999).

In 2001, an additional monitoring well (2-259B) was installed south of the sludge pit to help monitor contaminant migration from the Landfill 3 sludge pit.

2.2.4 Landfill 4

Figure 2-4 shows the sampling locations and monitoring wells installed in and around Landfill 4 during several periods of investigation. Landfill 4 was among 14 sites identified during the IRP Phase I assessment completed by ES in April 1982. The Phase I assessment report concluded that Landfill 4 had a high potential for contaminant migration.

In 1983, Radian performed field investigations to determine if any environmental contamination had occurred due to disposal and management practices at the sites identified in the Phase I assessment report. The initial field activities conducted during February 1984 included drilling two new monitoring wells, MW-11A (originally 1C) to the west and MW-10A (originally 1B) to the south of Landfill 4. A surface leachate sample was collected from the west slope of the landfill. The report concluded that the analytical data showed that the landfill had a limited impact on groundwater quality. Total organic halogens (TOX) were detected in both monitoring wells at 60 µg/L. The leachate sample



LEGEND

■ *LF14-B9501*	PHASE II RFI SOIL BORING (IT CORPORATION, 1995)
◪ *LF14-B9516*	PHASE II RFI SURFACE SOIL SAMPLING LOCATION (IT CORPORATION, 1997)
◪ *L4-30*	PHASE II RFI, NESTED PIEZOMETER LOCATION (IT CORPORATION, 1995)
■ *L4-1*	USACE SOIL BORING (CORPS OF ENGINEERS, 1987)
■ *LF4-6*	ARA SOIL BORING (APPLIED RESEARCH ASSOCIATES, 1992)
——·——·——	SITE BOUNDARY
◎ *76A*	MONITORING WELL.

NOTE:

COMPILED FROM USACE, 1993;
IT CORP., SEPTEMBER 1994
IT CORP., APRIL 1999.

THE PREFIX (MW) WAS REMOVED FROM ALL MONITORING WELL LABELS.

FIGURE 2-4
LANDFILL 4 SOIL BORING AND MONITORING WELL LOCATIONS
Tinker AFB, Oklahoma

CH2MHILL

was typical of sanitary landfill leachate, high TOC and iron, but with a TOX value of 1,500 µg/L, suggesting the presence of chlorinated organic compounds.

In April and May 1986, perimeter wells were installed by the USACE along the southwest perimeter of the Base to monitor for potential contamination. Three of the perimeter well clusters (MW-45A, 45B; 46A, 46B; and 47A, 47B) are located south of Landfill 4 but only cluster 46 is hydraulically downgradient of the landfill.

From 1986 to 1990, the USACE conducted an RI of Landfills 1 through 4 (USACE, 1993). The USACE assessed the magnitude and extent of contamination originating from past disposal practices at the landfill. The RI scope of work included records searches, subsurface geologic explorations, installation and sampling of monitoring wells, sampling of water and solid waste from landfill trenches, and explorations to determine the extent of the waste boundary.

During these RI activities at Landfill 4, two surface and six subsurface soil samples were collected and analyzed for VOCs, SVOCs, metals, pesticides, PCBs, and indicator parameters such as TOC, cyanide, pH, conductivity, and phenols. VOCs, SVOCs, and metals were detected in landfill soils.

Groundwater quality in the vicinity of Landfill 4 was investigated by sampling trench water from soil borings within the landfill and from selected groundwater monitoring wells adjacent to the landfill. Hydrogeological studies determined that groundwater beneath Landfill 4 could be subdivided into several zones as follows: Upper Water Bearing Zone (UWBZ), Perched, Top of Regional, and Regional. During later groundwater studies these zones were renamed as follows: UWBZ was designated HWBZ, Perched was designated USZ, Top of Regional was designated LSZ, and Regional was designated LLSZ. Nine trench water samples were collected from soil borings within the landfill to characterize the groundwater contamination within the USZ. The trench water samples were found to be contaminated with VOCs, SVOCs, metals, and radiological constituents.

Monitoring wells, which existed at this time (1986 through 1990) in and around Landfills 1 through 4, were sampled to determine the magnitude and extent of contaminant migration. The monitoring wells sampled at Landfill 4 included 10A in the USZ, and 10B, 11C, and 46B in the HWBZ. Monitoring well 10C was screened in the LSZ. Groundwater in the vicinity of the landfill was found to be contaminated with VOCs, SVOCs, metals, and radiological constituents, but the concentrations detected were significantly lower than those found in trench water from landfill borings.

In February 1991, the USACE issued a preliminary draft baseline risk assessment for Landfills 1 through 4. Seven organic chemicals and two inorganic chemicals listed in Section 2.2.3 were determined to be COPC at these sites. Inhalation of contaminated particles and inhalation of organic vapors were the only completed exposure pathways identified in the risk assessment. Industrial site workers were the only potentially exposed population. All carcinogenic and noncarcinogenic risks associated with the site were within acceptable risk levels for CERCLA sites.

In 1989, PRC performed an RFA to identify and assess the potential for release of hazardous waste or hazardous constituents from SWMUs and other AOCs, as well as to evaluate the need for further investigations. The RFA report incorporated the results of a review of the

file materials available from EPA Region VI and the results of a visual site inspection performed 15 to 19 May 1989. The assessment of Landfill 4 concluded that there was a high potential for release of hazardous waste or hazardous constituents to soil, groundwater, and surface water; a moderate potential existed for release of hazardous constituents to air; high potential existed for the generation of subsurface gas.

In 1989, B&V evaluated alternative cover systems for Landfill 4 and investigated the need to relocate utility systems within the vicinity of the landfill. B&V recommended a natural soil cover with synthetic water barrier and gas control layers.

In July 1989 and March 1990, Tracer conducted a shallow soil gas investigation (SGI) at Landfills 2 and 4 to define the nature and extent of VOCs present in the subsurface, and to assist in determining the placement of borings for additional soil and groundwater investigations (Tracer, 1990). A total of 114 soil/gas samples were collected from the two landfills.

In 1992, ARA did a demonstration project to evaluate the effectiveness of a prototype LIF-CPT system in site characterization at Tinker AFB (ARA, 1993). From March to November 1992, ARA performed 112 soundings at eight contaminated sites, including 14 CPT push tests at the Landfill 4 sludge dump. Six soil samples and two groundwater samples were collected for onsite analysis at Landfill 4. Four soil samples and three groundwater samples were collected for offsite analysis. Soil samples were analyzed for VOCs, polyaromatic hydrocarbons (PAH), and metals. Groundwater samples were analyzed for VOCs.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including Landfill 4. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

In 1995, Tinker contracted IT Corp. to conduct a Phase II RFI of the soils contamination at Landfill 4. Prior to this time, contaminated groundwater areas throughout the base were being investigated and characterized together with the contaminated soils within the SWMUs (IT Corp., April 1999). As part of the Phase II RFI, no additional monitoring wells were installed.

The Phase II RFI work consisted of drilling 15 borings (LF14-B9501 to LF14-B9515) to collect and analyze soil samples to determine the full extent of surface and subsurface soil contamination, and collecting and analyzing five groundwater samples from temporary wells drilled through landfill trenches. The Phase II RFI recommended no further action for the soil contamination based on the low levels found.

From 22 April to 31 May 1997, Tinker AFB conducted a two-dimensional seismic reflection survey in the area southwest of Landfills 2 and 4 to identify and map possible pathways or conduits of preferential groundwater flow in the shallow subsurface. The primary target was sandstone units in the USZ. The approximate area investigated is between the 2-124 well cluster and the 47 well cluster (IT Corp., May 1999).

From 1994 through 2001 additional wells and piezometers were installed in the area as part of the Basewide Groundwater RFI, discussed in Section 2.2, as well as five piezometers (14P9701 to 14P9705) installed in 1998 during cap construction at Landfill 4.

A draft Decision Document for closure of Landfill 4 has been prepared for submittal to the ODEQ.

2.2.5 Fire Training Area 1 (FTA 1)

Figure 2-5 shows the locations of soil borings, monitoring wells, and piezometers that have been drilled or installed in and around site FTA 1 (IRP Site FT021) during several periods of investigation. FTA 1 was identified as a potential remediation site in the IRP Phase I records search report prepared by ES in April 1982. The Phase I report recommended drilling soil borings and collecting soils samples in and around FTA 1 to define the nature and extent of contamination.

FTA 1 was briefly mentioned in the investigation report prepared by Radian in September 1985. In this report, the FTA 1 site is included in an investigation zone along with Landfills 1 through 4 and the RWDS 1030W.

From 1985 to 1990, the USACE conducted RIs at FTA 1 to characterize the site, to determine the nature, extent, and migration of any residual contamination of site soils or groundwater, and to define site geology and hydrogeology. Twenty-four onsite and three offsite borings were drilled, and three monitoring wells were installed (61A, 61B, and 62). Seventeen of the onsite borings were converted into piezometers and used for collecting groundwater samples from the USZ and for measuring the potentiometric surface. Groundwater and soil samples from the monitoring wells and borings were tested for total metals, TOC, cyanide, PCBs, pesticides, VOCs, SVOCs, pH, and conductivity.

In the soil samples, two VOCs (methylene chloride and acetone) were detected at significant levels. Bis(2-ethylhexyl)phthalate was the only significant SVOC detected. Five metals (arsenic, barium, cadmium, lead, and selenium) and TOC were detected at levels above background in more than half the samples.

In the USZ groundwater samples, three VOCs (vinyl chloride, trichloroethene, and benzene) were found at concentrations above primary drinking water standard MCLs. Three VOCs (methylene chloride, tetrachloroethene, and trans-1,2-dichloroethene) were found at concentrations above proposed MCLs. Vinyl chloride, benzene, and tetrachloroethene, which were found in the groundwater, were not detected in any of the soil samples taken from the site FTA 1. Bis(2-ethylhexyl)phthalate was the only SVOC found at significant concentrations. All of these compounds were detected in the upgradient and downgradient piezometer wells. Three metals (barium, chromium, and lead) were found above MCLs and background averages both upgradient and downgradient of FTA 1. TOC and conductivity were also found above background averages at the FTA 1 site.

One well in the LSZ (MW-61B) was sampled in 1988, 1989, and 1990 during the RI. In groundwater samples from this zone, trichloroethene was above the MCL, and methylene chloride was found above the proposed MCL. Bis(2-ethylhexyl)phthalate was found in six of 16 samples, with most of the detections above the MCL. No metals were found above the MCLs or background averages for this saturated zone. One sample had a pH value of 10.85, which is above the secondary MCL of 8.5.

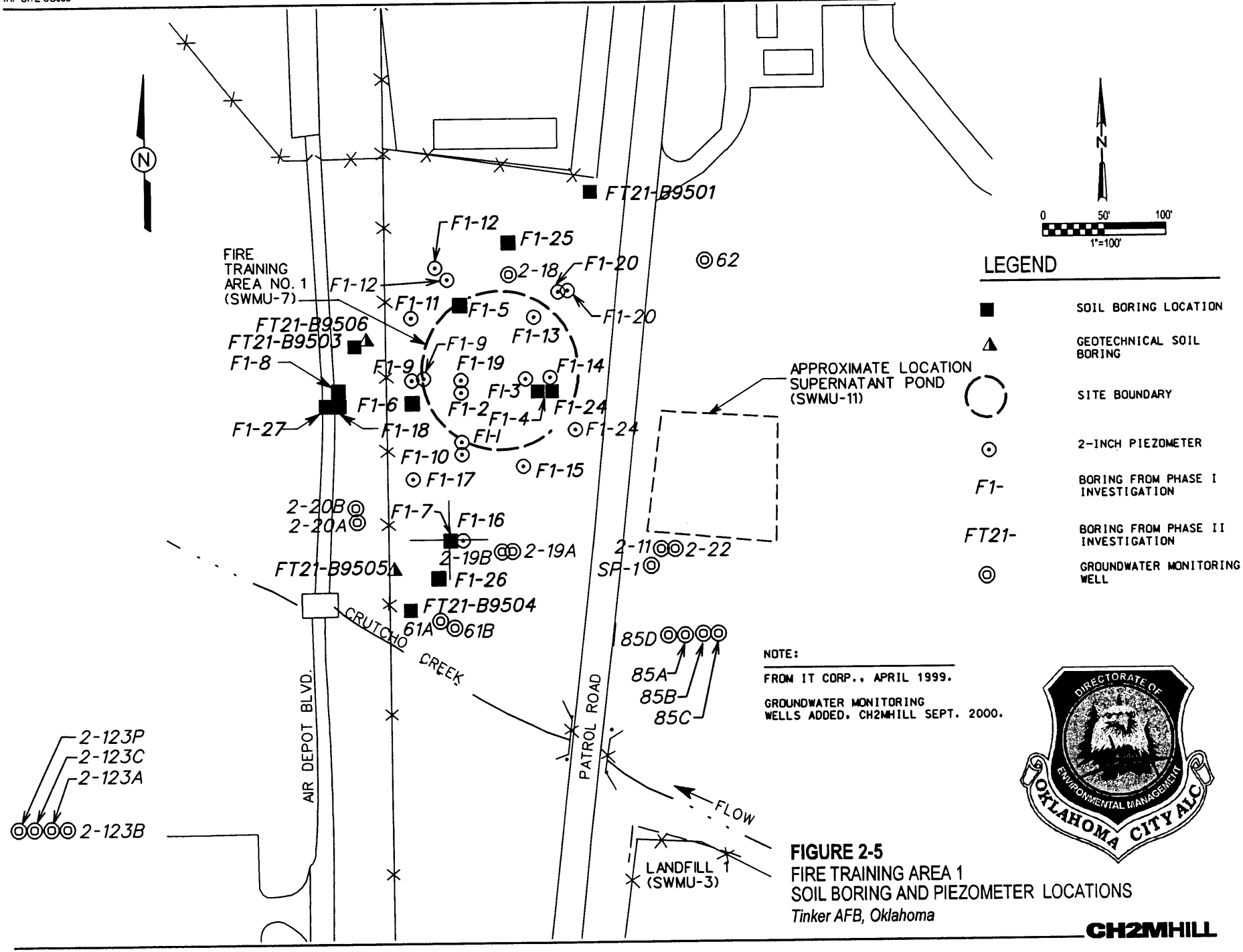


FIGURE 2-5
FIRE TRAINING AREA 1
SOIL BORING AND PIEZOMETER LOCATIONS
Tinker AFB, Oklahoma

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Additional sampling of the USZ and LSZ was conducted in 1992 and 1993 from wells MW-61A (USZ), MW-61B (LSZ), and MW-62 (USZ). Several VOCs were detected at levels above the MCLs in both the USZ and LSZ.

In 1993, Tinker AFB contracted OHM, Inc. to install additional monitoring wells in the vicinity of FTA 1 and the SP (SWMU-11). The new wells in the vicinity of FTA 1 included MW2-18 (LSZ) and two clusters, MW2-19A and B (USZ/LSZ), and MW2-20A and B (USZ/LSZ).

From 1992 to 1993, groundwater samples were collected from the USZ from wells MW-61A (downgradient) and MW-62 (upgradient). All compounds detected in the downgradient well during the 1993 event were below MCLs. In the upgradient well, three VOCs exceeded MCLs during the 1992 event. In the LSZ, well MW-61B (downgradient) was sampled in 1992. Three VOCs were detected above MCLs.

A baseline risk assessment was performed by the USACE (USACE, November 1992) to estimate the potential impact of the site on public health and the environment. All of the chemicals except vinyl chloride were eliminated from further assessment as a carcinogenic agent. Three chemicals were determined to potentially cause chronic effects (1,2-dichloroethylene [DCE], 2-butanone [methyl ethyl ketone], and 1,1,2-trichloroethane).

Total carcinogenic risk to the population with the greatest potential (children swimming or wading in the creek) was calculated to be 6×10^{-6}, which is within the range of acceptable risks as defined by the EPA under the NCP. The hazard from noncarcinogenic effects was also slight, as shown by a hazard index of 0.06. Noncarcinogenic effects are generally deemed minimal if the hazard index is below 1.0.

Ecological risks were assessed for vegetation, earthworms, small mammals, and predatory birds from surface soil exposures. Bis(2-ethylhexyl)phthalate presented a potential risk to vegetation and zinc showed a small potential for effects on earthworms. The largest potential effect seen at the site was from small mammals exposed to lead. No increased risk was estimated for predatory birds or aquatic life.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including FTA 1. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

In 1995, Tinker contracted IT Corp. to conduct a Phase II RFI of the soils contamination at FTA 1. Prior to this time, contaminated groundwater areas, basewide, were being investigated and characterized together with the contaminated soils within the SWMUs (IT Corp., April 1999). As part of the Phase II RFI, no additional monitoring wells were installed, but five soil borings (FT21-B9501 to FT21-B9505) were drilled to collect soil samples for analysis and complete the soil contamination characterization. The Phase II RFI recommended no further action for the soil contamination based on the low levels found.

From 1994 through 2001 additional wells and piezometers were installed in the southwest quadrant area as part of the Basewide Groundwater RFI, discussed in Section 2.2. During this period, only one new well cluster, 2-123, was added to FTA 1.

In 1999, Parson's Engineering-Science prepared a draft baseline soils human health and ecological risk assessment for the SWMUs in the southwest quadrant. The risk assessment does not evaluate risks from groundwater contamination (PES, September 1999).

The ODEQ concurred in a letter dated 22 July 1999 that no further investigative or remedial action (NFA) for the soils at this site (SWMU 7) is required. A No Further Response Action Planned (NFRAP) document for FTA1 soils was completed on 1 December 1999.

2.2.6 Supernatant Pond

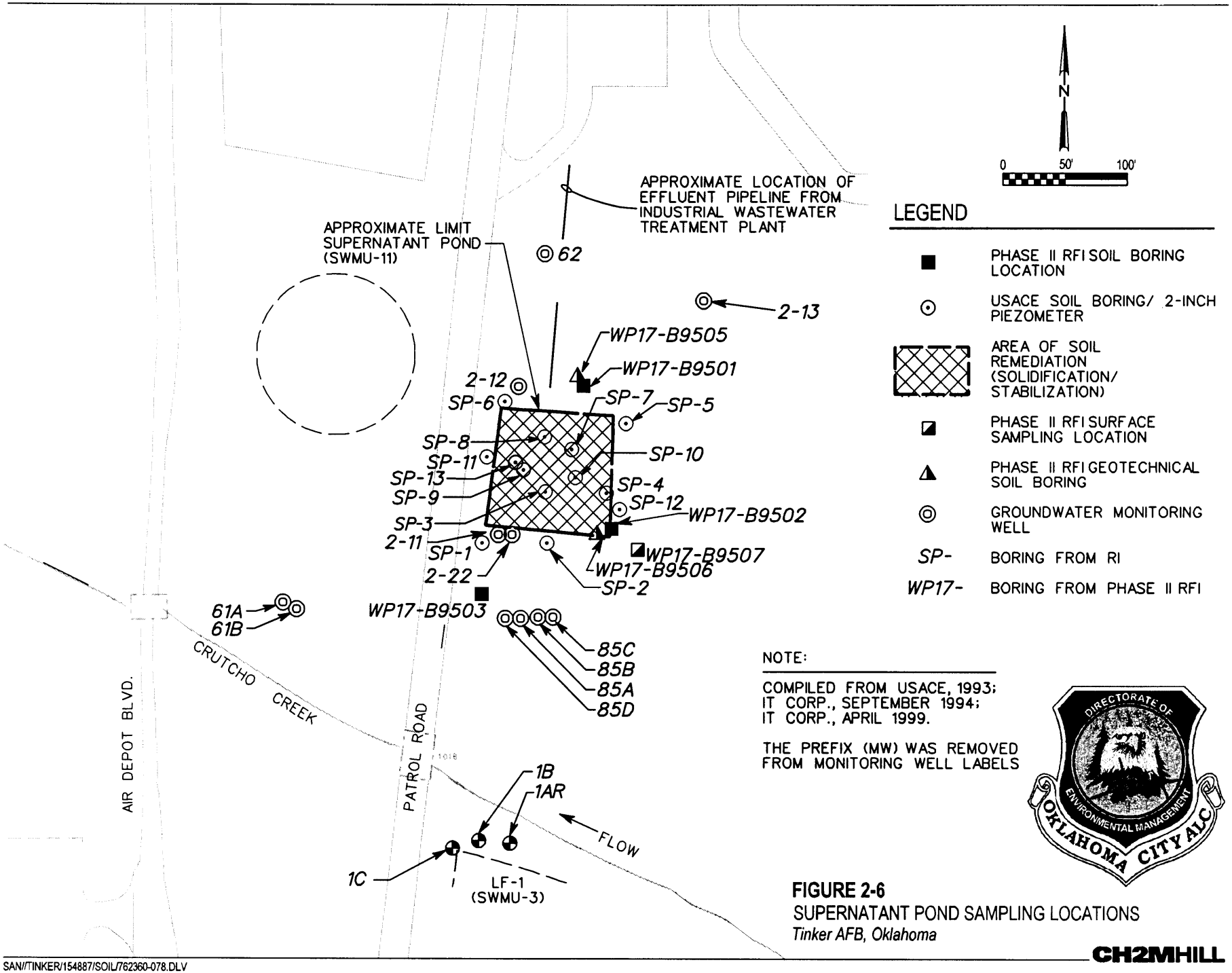
Figure 2-6 shows sampling locations and monitoring wells installed in and around the SP during several periods of investigation. The SP was identified as a potentially contaminated site in 1986 during the course of interviews conducted with former and present base employees by the USACE, as part of investigations of other known potential remediation sites (USACE, 1991). Site investigations were conducted at the SP at two different times, during the RI and during site remediation.

From July 1989 to July 1990 the USACE conducted a remedial investigation of the SP site. The RI included a soil-gas survey with collection and analysis of 22 samples; drilling of 13 soil borings which were completed as shallow piezometers (SP-1 to SP-13) in the first water-bearing zone encountered; collection and analysis of seven soil samples; installation of two wells (62 and 85) in the USZ and LSZ; and sampling of the wells and piezometers in October and November 1989 and May, 1990. The final RI report was prepared in October 1991 (USACE, 1991).

A soil gas survey was conducted as part of the RI to allow preliminary screening of the site for the presence of VOCs in the vadose zone. The soil gas survey indicated very low concentrations of 1,1,1-trichloroethane (TCA), PCE, and total hydrocarbons at several of the 22 sample locations within and adjacent to the SP. Subsequent soil and groundwater sampling and analysis did not detect the presence of TCA and PCE at the locations sampled during the soil gas survey. The RI concluded that the low levels of soil gas contaminants were not indicative of subsurface contamination.

Subsurface soil samples from seven soil borings made during the RI were analyzed for metals, pH, PCBs, total recoverable petroleum hydrocarbons (TRPH), cyanide, VOCs, and SVOCs. The RI concluded that contamination was present in the soil at a depth of four to seven feet within the boundaries of the SP. Groundwater sampling from piezometers within and adjacent to the site indicated that leaching of contaminants was not significant. In addition, the RI concluded that the fill (including construction debris) that was present above the depth of four feet was not contaminated.

Groundwater samples collected from the USZ during the RI exhibited concentrations slightly above background levels of TOC, radionuclide constituents, and metals. Very low levels of VOCs and SVOCs were indicated in groundwater sampled from piezometers in and adjacent to the SP. Analyses of groundwater sampled from a downgradient well (MW-85A) did not indicate concentrations of TOC, radionuclide constituents, or metals in excess of background levels or drinking water standards. VOCs and SVOCs were not indicated above detection limits in MW-85A. It was concluded that because MW-85A was downgradient from the SP, transport of groundwater contaminants in the USZ had either not occurred or had been very limited. Migration of contaminants was not anticipated to be



NOTE:

COMPILED FROM USACE, 1993;
IT CORP., SEPTEMBER 1994;
IT CORP., APRIL 1999.

THE PREFIX (MW) WAS REMOVED FROM MONITORING WELL LABELS

FIGURE 2-6
SUPERNATANT POND SAMPLING LOCATIONS
Tinker AFB, Oklahoma

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significant in the future because only low levels of contaminants had been detected in groundwater in and adjacent to the SP. Long-term monitoring of groundwater at the sites is continuing.

Water quality in the LSZ was not fully assessed in the investigation, because only one well (MW-85B) near the site was screened in that zone. However, groundwater samples from this well showed radionuclide and metals concentrations exceeding drinking water standards (Tinker, 1992). Remediation of the SP site began in June 1992 using soil stabilization methodologies. The entire former pond area was excavated to a depth of eight feet. The construction rubble encountered in the excavated soil was segregated and disposed of at an industrial waste landfill. The soil that was excavated from a depth of four to eight feet was solidified with Portland cement and fly ash and placed back into the excavation. The stabilized soil was then covered with an additional four feet of clean backfill soil.

The remediation of the SP was completed in November 1992. Three new monitoring wells (one in the USZ and two in the LSZ) were installed at the SP during remediation (MW 2-11, MW2-12, and MW2-13). Groundwater collected from the wells was analyzed for metals, VOCs, and SVOCs. Methylene chloride and bis(2-ethylhexyl)phthalate were detected in all the groundwater samples.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including the SP site. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

In 1993, Tinker AFB contracted OHM, Inc. to install additional monitoring wells in the vicinity of FTA 1 and SP (SWMU-11). The new wells in the vicinity of the SP were the 2-19 cluster and the 2-20 cluster.

In 1994, the USACE performed a human health risk and ecological risk assessment for the SP site. Inhalation of VOCs from soil by onsite workers was considered the only complete exposure pathway. Total cancer risk was estimated to be well below the EPA acceptable range of 1×10^{-6} to 1×10^{-4}. The Hazard Index for noncarcinogenic risk was 7×10^{-7}, well below the target value of one. Exposure pathways for ecological receptors were considered incomplete, so ecological risks were not quantified.

Since completion of the remediation, the permanent onsite groundwater monitoring wells have been sampled during the annual basewide monitoring program (IT Corp., September 1994). No operation and maintenance is required for the SP site. Long-term monitoring of the groundwater beneath the site is continuing.

In 1995, Tinker contracted IT Corp. to conduct a Phase II RFI of the soils contamination at the SP. Prior to this time, contaminated groundwater areas throughout the base were being investigated and characterized together with the contaminated soils within the SWMUs (IT Corp., April 1999). As part of the Phase II RFI, no additional monitoring wells were installed, but five soil borings were drilled to collect soil samples for analysis and complete the soil contamination characterization. The Phase II RFI recommended no further action for the soil contamination based on the low levels found.

2.2.7 Radioactive Waste Disposal Site 1030W

Figure 2-7 shows the locations of soil borings that have been drilled in and around the RWDS 1030W site. An initial investigation (records search) of the RWDS 1030W site was performed by ES in 1981. At the time of the site inspection, RWDS 1030W was described as being under water (IT Corp., April 1999). Pistol Pond, part of which was located over the site, was reported by the USACE in 1989 to have been constructed in the early 1970s. The pond was drained in 1986.

According to the USACE report, the site was a burial pit for burned radium dial waste, including rags and solvent solution. The waste was dumped into the pit and burned, and waste residues were then covered with soil (USACE, 1989).

In 1990, site surveys were conducted at RWDS 1030W by both Chem-Nuclear Environmental Services and the U.S. Air Force Radiation Assessment Team (AFRAT). The surveys were non-intrusive geophysical surveys consisting of ground-penetrating radar (GPR) and induction electromagnetic (EM) conductivity surveys. Results of those surveys lead to further investigations which indicated the presence of elevated radiation readings across the site, some in excess of 1,000 microRoentgens per hour (μR/hr). The survey results indicated that the contamination was shallow (within the top two to four feet) and that the elevated radiation levels generally followed a former trench that extended across the site in a northeasterly direction (IT Corp., April 1999).

In December 1991, CDM Federal Programs Corporation (CDM) drilled 10 soil borings at RWDS 1030W to delineate the extent of contamination identified from the 1990 survey. From June through August 1992, CDM performed a removal action at the site as follows:

- Sampling of vegetation and surface water for baseline data
- Partial drainage of the Pistol Pond and stream diversion to facilitate excavation
- Excavation and disposal of 920 yd^3 of excavated soils and disposal of 400,000 gallons of liquids

CDM was unable to complete the removal action because the extent of contamination was much greater than anticipated.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including RWDS 1030W. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

In 1994, IT Corp. prepared a comprehensive RFI Report (IT Corp., September 1994) that summarized the investigations that had been performed at the site since 1981. No field investigation work was conducted as part of this RFI.

In 1995, IT Corporation conducted additional sampling at RWDS 1030W as part of a removal action during the Phase II RFI work (IT Corp., April 1999). The purpose of the removal action was to remediate that portion of RWDS 1030W located within Landfill 2. Hot spot areas were identified from a walkover radiological survey conducted in 1995 (IT Corp., September 1995).

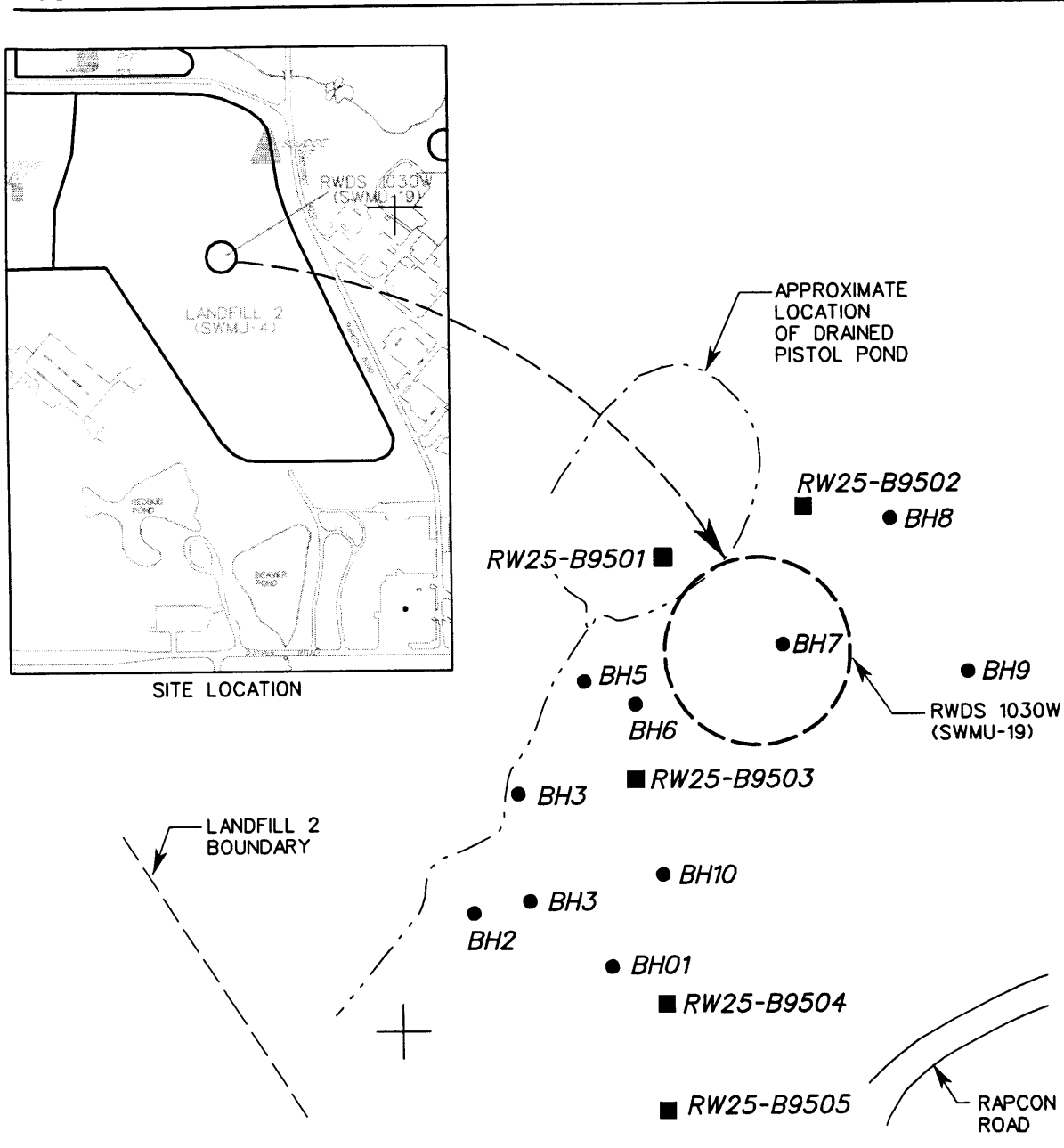

FIGURE 2-7
RWDS 1030W SOIL BORING LOCATIONS
Tinker AFB, Oklahoma

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From March to April 1997, IT Corp. completed the soil remediation at RWDS 1030W by excavating approximately 2,100 yds^3 of radium-contaminated soils and shipping the soils to the Envirocare treatment and disposal facility in Clive, Utah. During excavation, several degraded drums containing an "unknown material" were uncovered. Movement of the drums caused them to leak onto the radium-contaminated soils. The contaminated soils were sampled and analyzed, and the results revealed the presence of benzene and methyl ethyl ketone. These waste materials were also removed and shipped to the Envirocare facility for treatment and disposal (IT Corp., March 1999; April 1999).

In May 1999, Tinker AFB prepared an NFRAP Decision Document to close out RWDS 1030W with no further action (IT Corp., May 1999). On 22 July 1999, the ODEQ agreed that NFA for soils is required at this site.

2.2.8 Radioactive Waste Disposal Site 62598

Figure 2-8 shows the locations of soil borings that have been drilled in and around RWDS 62598. Prior to 1995, all investigations at this site were by nonintrusive methods, restricted to activities on or above the ground surface (IT Corp., September 1994).

A combination of radiological, GPR, EM conductivity, and magnetometer surveys were conducted by Chem-Nuclear in 1989-1990. For the radiation surveys an 80-feet-by-80-feet area, centered on a concrete monument, was gridded and surveyed. Background gamma radiation exposure level in the vicinity ranged from 7.0 μR/hr to 8.0 μR/hr. The site's gamma radiation exposure level was equal to or below the general background level.

The GPR survey indicated one anomaly approximately two feet southeast of the concrete monument. The anomaly exhibited characteristics of a backfilled pit, one to six feet deep. The magnetic survey revealed a single magnetic anomaly which correlated with the anomaly detected during the GPR survey. The anomaly had the characteristics of a ferromagnetic object buried at a depth of three to six feet.

The induced EM survey revealed no significant anomalies.

In July 1991, CDM excavated RWDS 62598 with the objective of either finding and removing a lead still or providing additional evidence that a still had been removed previously. Nothing was found at the site, and following a confirmatory survey, the excavation was backfilled. Analysis of soils sampled from the excavation revealed radiological and chemical test results to be sufficiently low to allow the soils to remain on site (CDM, 1992).

In 1994, a Phase I RFI was conducted to characterize the site and to identify potential receptors and action levels for protecting human health and the environment. The Phase I RFI did not include additional field investigations, but was a data compilation from previous work at the site (IT Corp., September 1994).

In April and May 1995, a Phase II RFI was conducted at the site to fill in the data gaps identified by the Phase I RFI and to provide full characterization of the extent of contamination at RWDS 62598. The Phase II RFI included drilling five soil borings (RW27-B9501 to RW27-B9505) and two geotechnical borings (RW27-B9506 and RW27-B9507) at the site, field-screening the soil samples for VOCs, and analyzing soil samples in the laboratory

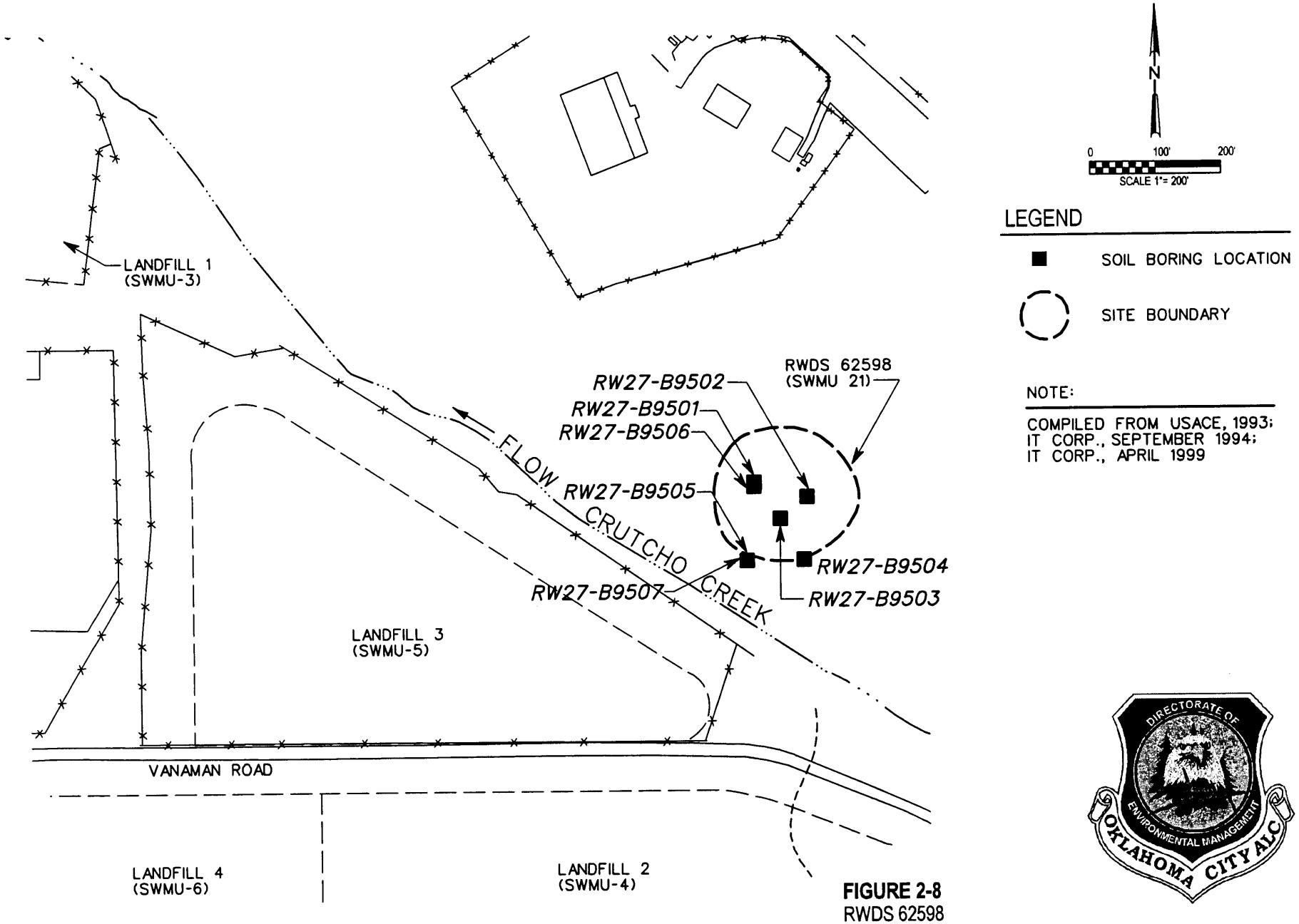

FIGURE 2-8
RWDS 62598
SOIL BORING LOCATIONS
Tinker AFB, Oklahoma

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for the following parameters: metals, VOCs, SVOCs, pesticides, PCBs, gross alpha and beta radioactivity, thorium (Th)-231, Th-232, radium-226, radium-228, and potassium-40 (IT Corp., April 1999). The Phase II RFI recommended no further action at RWDS 62598.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including RWDS 62598. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB. The ODEQ concurred in a letter dated July 22, 1999 that NFA for the soils at this site is required. An NFRAP document for soil at the site was completed on 1 December 1999.

2.2.9 Radioactive Waste Disposal Site 1022E

Figure 2-9 shows the locations of soil borings and monitoring wells drilled in the vicinity of RWDS 1022E during several periods of investigation. In 1971, Tinker AFB personnel performed a radiological survey of the area with beta/gamma radioactivity detector equipment. This survey detected a value of 0.03 μR/hr, which is slightly above the background value of .02 μR/hr. On 23 September 1988, the Tinker Radiation Officer performed a survey that detected a value of .02 μR/hr five feet west of the angle iron marker, which marked the former location of the site.

In 1981, ES performed a Phase I records search on RWDS 1022E (ES, 1982). The report stated that during the mid-1950s, approximately eight to 10 containers of radioactive materials from Building 230 were disposed at this site. According to the Phase I records searches, the material was placed in an excavation approximately 30 feet deep next to Landfill 3. The area had been marked with radiation warning signs in the past, but the signs were gone when the 1981 records search was done. The RWDS records search revealed information on two previous radiological surveys which had been done at the site. The records search also showed that the RWDS 1022E contained radium-contaminated materials (IT Corp., April 1999).

In 1989, the USACE performed another records search and reported that a red reflector on a metal rod with two pieces of angle iron embedded in the ground on both sides of the reflector existed at the approximate site location. The report described the previous two radiological surveys and results of groundwater sampling related to Landfills 1 through 4.

In March 1990, Chem-Nuclear Environmental Services performed non-intrusive surveys consisting of a radiological survey, ground-penetrating radar survey, induced electromagnetic survey, and a total magnetic field gradiometer survey. The surveys located buried metal objects and recommended intrusive radiological surveys followed by site remediation depending on the results of the intrusive surveys.

As part of the concurrent investigations of Landfills 1 through 4, several monitoring wells were installed in the RWDS 1022E area. Borings were drilled into the landfill trenches and solid waste and leachate samples were taken for analysis. MW 2 did not indicate any radioactive contamination when tested in 1986, although several other groundwater samples in this area did indicate radioactivity over background. Testing results from the leachate in trench boring 3-3 indicated that the gross alpha was below detection limits, but the gross beta was 80 pico Curies per liter (pCi/L) with a 15 plus or minus counting error.

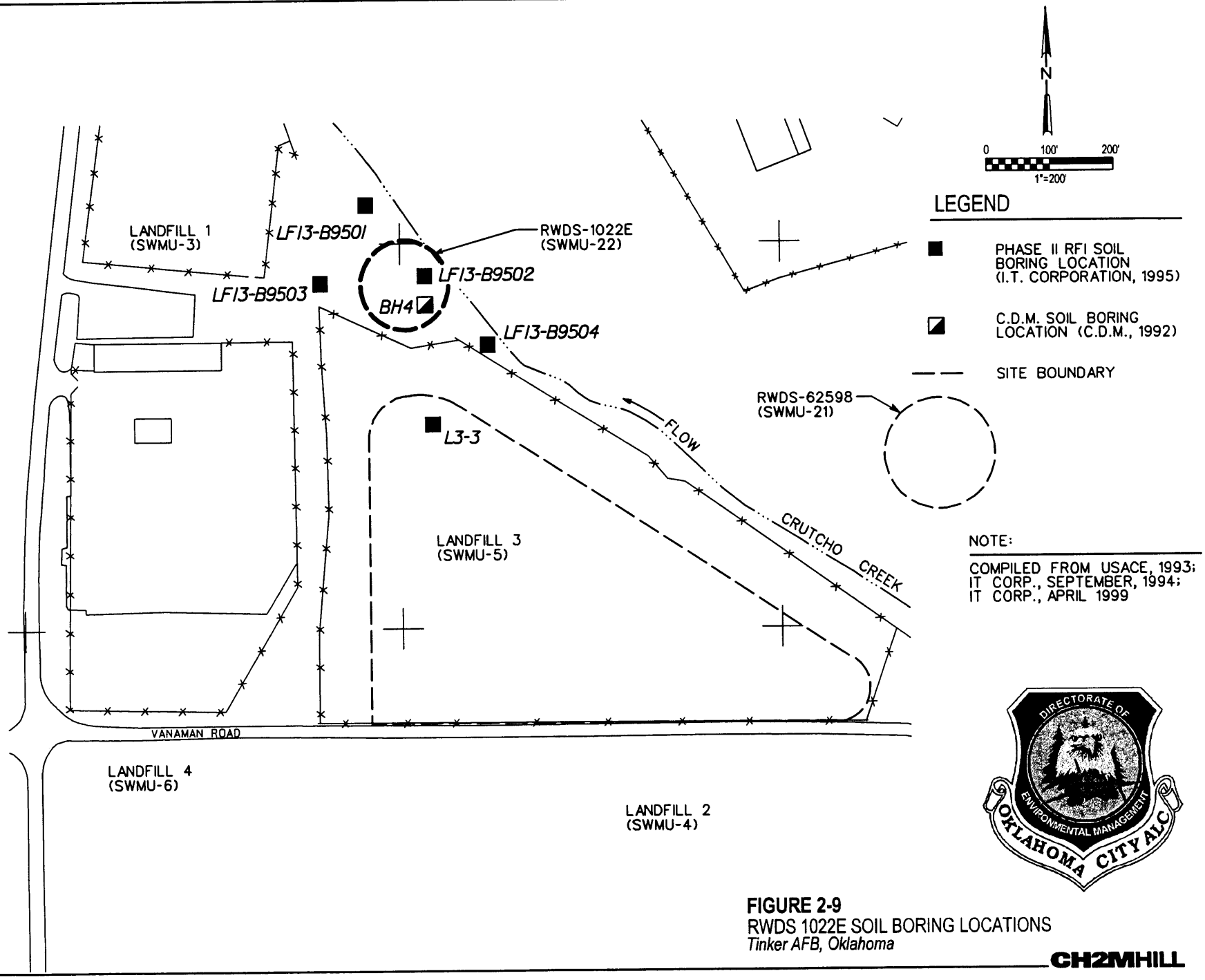

FIGURE 2-9
RWDS 1022E SOIL BORING LOCATIONS
Tinker AFB, Oklahoma

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Background for beta is nine pCi/L, as calculated in the Tinker AFB IRP groundwater assessment (CDM, 1993).

In July, 1991, CDM conducted a removal action at RWDS 1022E. The objective of the removal action was to either locate and exhume radioactive waste reported to have been buried at the site or to show that the waste did not exist at the site. Site soils were excavated with a track-mounted backhoe. Large sheets of "foil" were encountered in the excavation at one-to-three feet and five-to-seven-feet depths. The foil trash covered the entire area of the electromagnetic anomaly. Trash was encountered in the eastern portion of the excavation from about three to eight feet deep. Two small pieces of magnesium-thorium metal, a compass with radium paint dial, and a crushed 55-gallon drum were excavated during the removal action. The excavation was terminated at a depth of 12 feet in natural, undisturbed soils. The total weight of soils disposed offsite from this removal action was 9,820 pounds (IT Corp., April 1999). Part of the site is now covered by the Landfill 3 RCRA cap.

In 1993, IT Corp. conducted a Phase I RFI which included RWDS 1022E (IT Corp., September 1994). No additional field investigations were performed. The Phase I RFI involved reviewing data collected from various investigations and compiling it into one report.

In 1995, IT Corp. conducted an investigation as part of the Landfills 1 through 4 and RWDS 1030W Phase II RFI program. Four of the soil borings (LF13-B9501 through LF13-B9504) made for the Landfill 3 investigation were installed within and around RWDS 1022E. The borings were drilled and sampled to the top of the USZ at a depth ranging from eight to 12 feet. Soil samples were analyzed for metals, VOCs, SVOCs, TPH, pesticides, PCBs, gross alpha and beta, radium-226, radium-228, thorium-234, and potassium-40. Analytical results indicated no signs of contamination (IT Corp., April 1999). The Phase II RFI recommended no further action for soil contamination.

In 1992, Tinker AFB contracted Roy F. Weston (Weston, 1993) to perform a base-wide sampling program of groundwater monitoring wells, including RWDS 1022E. Yearly base-wide groundwater monitoring (currently performed by IT Corp.), is ongoing at the facility, and each annual data set is currently evaluated by Tinker AFB.

The ODEQ concurred in a letter dated July 22, 1999 that NFA for the soils at this site is required. An NFRAP document for soil at the site was completed on 1 December 1999.

2.2.10 AOC Drainage Spillway

Figure 2-10 shows the locations of samples collected at the AOC Drainage Spillway as well as monitoring wells and borings in the vicinity. The Drainage Spillway is a drainage area located northwest of Building 1030 (PRC, 1989). Building 1030 is located east of Landfill 2 (SWMU-4). The Drainage Spillway receives runoff from Building 1030 roof drains and ramp areas and may have received drainage from a wash rack reported to have been located on the south corner of the aircraft apron (IT Corp., August 1999).

The first investigation of the AOC Drainage Spillway was done as part of the Phase I RFI in 1994. The Phase I RFI at the AOC Drainage Spillway involved flow/dye testing of the floor drain system in Building 1030, sampling and analyzing water from the sump, and collecting two soil samples at a depth of 18 inches from the drainage spillway. The water sample was

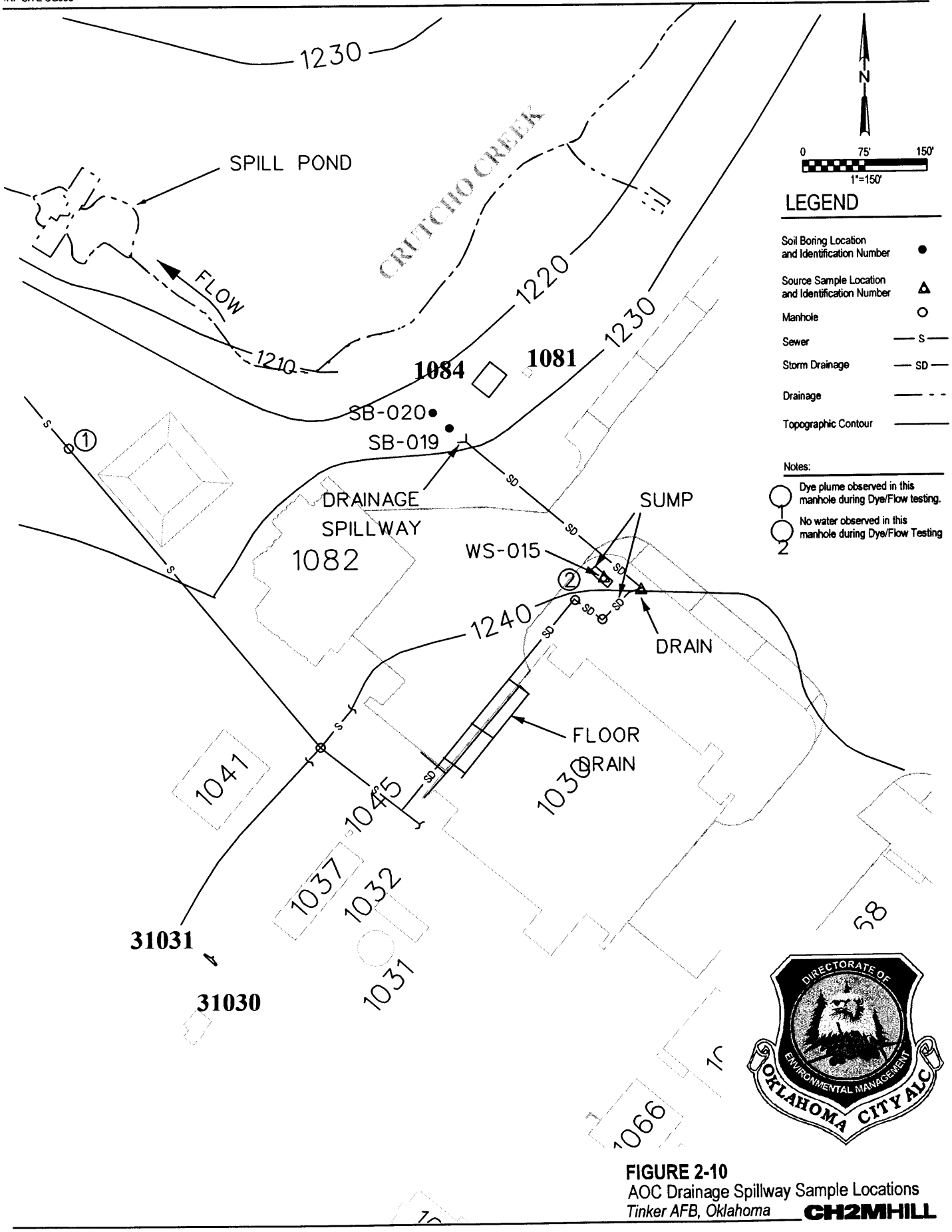

FIGURE 2-10
AOC Drainage Spillway Sample Locations
Tinker AFB, Oklahoma

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analyzed for VOCs, SVOCs, TPH, TOC, and priority pollutant metals. The two soil samples were analyzed for VOCs, SVOCs, and priority pollutant metals. Based on the Phase I RFI analytical soil results, it was concluded that there was no evidence of a release of hazardous constituents (IT Corp., September 1994), and no further action was recommended. However, it should be noted that analysis of the water sample taken from the sump connected to the spillway located northeast of Building 1030 did show the presence of tetrachloroethylene, trichloroethylene, and cis-1,2-dichloroethylene.

2.3 Current Regulatory Status

Tinker AFB was issued a RCRA Hazardous Waste Management Permit on 1 July 1991 by the EPA. The permit specified a list of SWMUs and AOCs in Appendix I and Appendix II. These SWMUs have also been identified and investigated by the Air Force as IRP sites. As a permit condition, Tinker AFB was required to notify EPA of any additional SWMUs or AOCs that were identified subsequent to the permit. The permit also required Tinker AFB to determine whether releases of hazardous constituents had occurred at the Appendix I and II sites, and to determine whether corrective actions were warranted.

Phase I and Phase II RFIs have been completed at all known SWMUs and AOCs. During these investigations, soil and groundwater were characterized at each site. Sediment and surface water were sampled as applicable. These investigations identified soil and groundwater contamination associated with some of the SWMUs, and in some instances, identified impacts to groundwater that were apparently not associated with activities at the SWMUs.

In July 1994, Tinker AFB and the EPA agreed that the most efficient way to investigate groundwater impacts was to perform a Phase II RFI for groundwater that focused on determining the full extent of groundwater contamination from RCRA units and other unknown sources. The basewide groundwater is being investigated under RCRA in accordance with the RCRA Part B permit conditions. The general nature and extent of groundwater contamination is being investigated through the Basewide Non-NPL Groundwater Phase II RFI. Final reports include groundwater analytical data from 1993/1994 (Phase II) and 1994/1995 (Phase II Addendum 1). Additional basewide updates using data from 1996 (Phase II Addendum 2) and 1997 (Phase II Addendum 3) are also being prepared by Tinker. Currently, sampling of all monitoring wells occurs annually.

Soil contamination at CG038 has been investigated and reported separately from groundwater as Phase I and Phase II RCRA Facility Investigations for Appendix I Sites (IT Corp., September 1994 and April 1999).

It is also Tinker AFB's intent, where applicable, to meet its CERCLA requirements and to ensure continued funding for cleanup through the DERP. Therefore, the Air Force intends to fulfill the EPA and Oklahoma Department of Environmental Quality statutory and regulatory requirements by meeting the Air Force CERCLA responsibilities.

In the past, regulatory oversight involved the Oklahoma Corporation Commission (OCC) and the Oklahoma State Department of Health (OSDH). Currently, environmental activities at Tinker AFB are overseen by EPA Region 6, the Oklahoma Department of Environmental Quality (ODEQ), and the OCC.

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SECTION 3.0

Environmental Setting

3.1 Climate

Meteorological data are available from the weather stations at Tinker AFB and the Will Rogers World Airport, located approximately 12 miles west of Tinker AFB. The overall climate in the immediate area is controlled by the interaction of tropical and polar air masses, which produces a wide range in temperature and variations in precipitation amounts.

The average annual temperature is 60.1 degrees Fahrenheit (°F). The warmest months of the year are June and July with mean temperatures of 81.6°F and 81.3°F, respectively. The coldest months are December and January, with mean temperatures of 39.8°F and 36.9°F, respectively.

In the past 25 years, the wettest year at the Will Rogers World Airport in Oklahoma City was 1986 with a total precipitation of 45.17 inches. The wettest year at Tinker AFB station was 1985 with a total precipitation of 49.41 inches. The driest year at the Will Rogers World Airport was 1976, with total precipitation of approximately 18 inches. The total precipitation at Tinker AFB for 1976 was approximately 20 inches. The lowest amount of precipitation recorded at Tinker AFB was 17.3 inches in 1954. The long-term average annual precipitation at Tinker AFB for the period 1943 through 1993 is 33.8 inches. For the years 1994 and 1995, the average annual short-term precipitation measured at Tinker AFB and Will Rogers World Airport was 35.53 inches and 32.93 inches, respectively. A record monthly rainfall was recorded in July 1996 at the Will Rogers World Airport with a total of 11.9 inches. Tinker AFB recorded a total of 15.14 inches for the same month. Evaporation, as measured in a U.S. Weather Bureau Class A pan, is approximately 85 inches per year (Parsons E-S [PES], March 1997).

Precipitation in the form of snowfall occurs in the months of November through March. Trace amounts of snow have occurred in the months of October and April. The average yearly snowfall is 9.4 inches, with the majority falling in January and February.

The annual mean wind speed is 12.4 miles per hour (mph) with the predominant direction from the south-southeast. During January and February, the prevailing wind direction is from the north. During November and December, the prevailing direction is from the south. The Oklahoma City area is in "tornado alley." Extreme wind velocities associated with tornado activity can occur any time during the year but primarily from April through September. Tornadoes generally come from the south and have caused millions of dollars in property damage and loss of life in the Tulsa area. A tornado on May 3, 1999 caused severe damage, destruction, and loss of life in a residential area that borders Tinker AFB on the west. The same tornado caused minor damage to facilities (buildings and fences) on the west side of Tinker AFB.

3.2 Topography and Drainage

The regional topography varies from generally level to gently rolling hills. Local relief is primarily the result of dissection by erosional activity or stream channel development. In Oklahoma City, surface elevations are typically in the range of 1,070 to 1,400 feet mean sea level (msl). At Tinker AFB, ground surface elevations vary from 1,190 feet msl near the northwest corner where Crutcho Creek intersects the base boundary to approximately 1,320 feet msl at Area D, located on 59th Street, east of the main installation. The station elevation at flight operations is 1,291 feet msl (PES, March 1997).

Several tributaries of the North Canadian River dissect Tinker AFB, and tributaries of the Little River dissect the southeast portion of the base. A drainage divide crosses the southern part of the base, separating these two major river basins.

Ditches and diversion structures convey surface water runoff through ditches and diversion structures to onsite streams. Runoff in the northeast part of the base drains into Soldier Creek and its tributaries, while runoff in the north and west sections of the base, including the main instrument runway, drains to Crutcho Creek. Both Soldier and Crutcho Creeks are tributaries of the North Canadian River (IT Corp., April 1999).

Additionally, two unnamed ephemeral streams drain an isolated area south of the main instrument runway. One of the unnamed streams drains into Elm Creek. Both streams convey surface water southward into Stanley Draper Lake, approximately one mile south of the base (Tinker AFB, August 1991). These streams are tributaries of the Little River.

Crutcho Creek drains the western and southern sections of Tinker AFB, including the surface area of Site CG038 and several IRP sites. Crutcho Creek tributaries enter the base from several west locations, with flows generally to the northwest (PES, March 1997). The topography and drainage features of the CG038 area are presented in **Figure 3-1.**

3.2.1 Landfill 1

Surface drainage at Landfill 1 is influenced by a two-acre landfill cap, which was completed in March 1991 as an interim remedial action. The cover was designed and constructed to divert surface drainage away from the landfill and to minimize infiltration of precipitation into the landfill. Prior to construction of the landfill cap, the general surface elevation of the landfill was reported to be approximately 1,220 feet msl (USACE, 1993). Surface water runoff discharges to Crutcho Creek, which runs to the north and east of Landfill 1.

3.2.2 Landfill 2

A RCRA cap was constructed and is maintained to promote surface drainage away from Landfill 2 and then to Crutcho Creek north of the site. Prior to capping Landfill 2, most of the surface runoff discharged to Pistol Pond, a former recreation area at the eastern half of the landfill. The pond was drained in 1986.

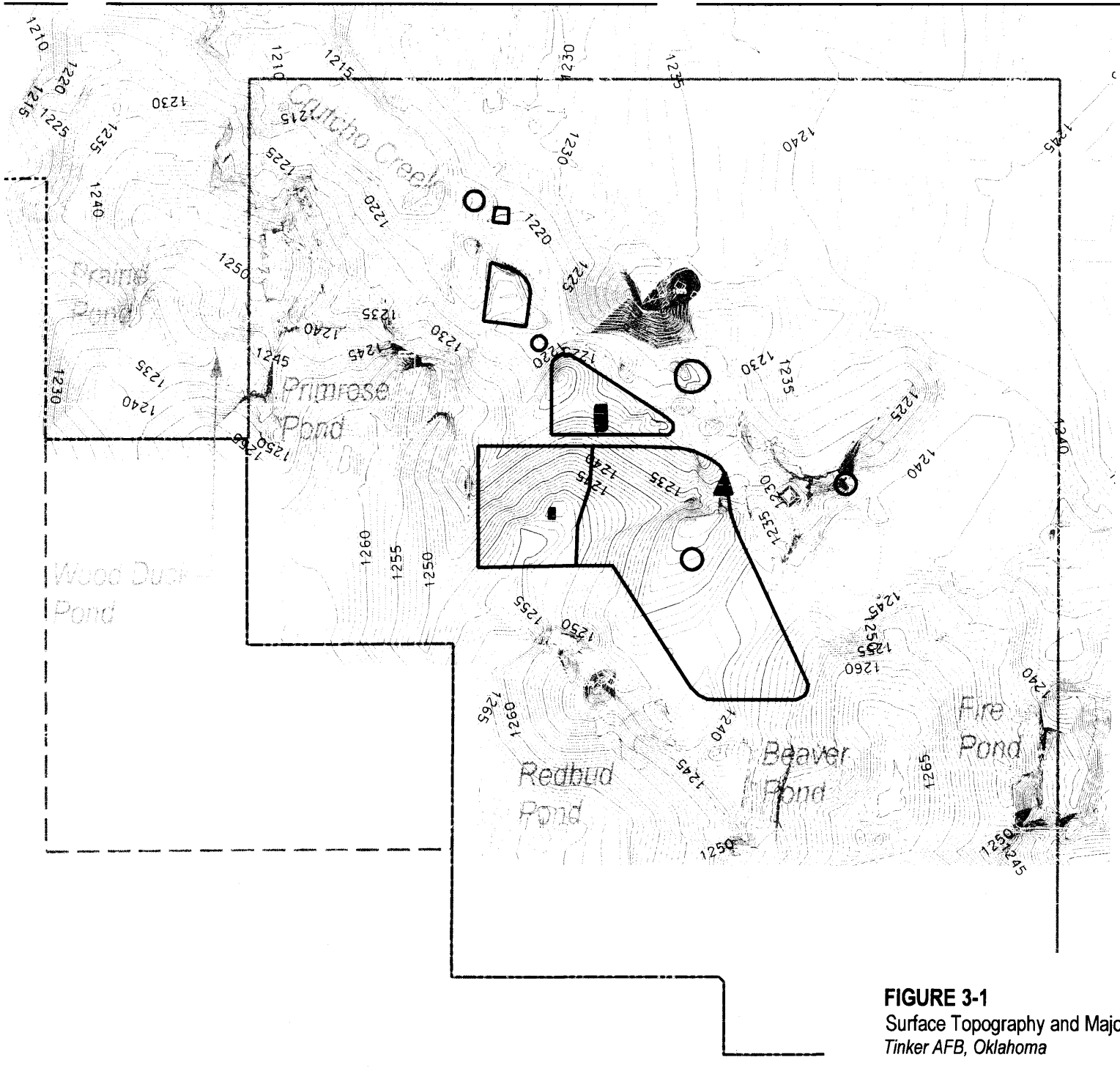

FIGURE 3-1
Surface Topography and Major Drainages
Tinker AFB, Oklahoma

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3.2.3 Landfill 3

An interim remedial action to construct an eight-acre cap over Landfill 3 was completed in December 1991. Surface drainage in the vicinity of Landfill 3 is controlled by the engineered landfill cap. The cap was designed and constructed to divert surface drainage away from the landfill to a centrally located drainage ditch, as well as to ditches along the perimeter of the cap. Surface drainage from Landfill 3 goes into Crutcho Creek.

3.2.4 Landfill 4

A RCRA cap has been constructed over Landfill 4 and is graded and maintained to promote surface drainage away from the landfill toward Crutcho Creek north of the site. Most of the surface water runoff from Landfill 4 drains into the ditches along Patrol Road and Landfill Road, and then into Crutcho Creek, north of Landfills 1 through 4.

3.2.5 Fire Training Area 1

The area in the vicinity of FTA1 is generally flat and poorly drained. Water tends to pond in the area after rainfall. Eventually, excess surface runoff may drain into Crutcho Creek, which is approximately 240 feet to the south. The site is sometimes covered with water when Crutcho Creek rises over its banks during heavy rainfall events.

3.2.6 Supernatant Pond

The SP site is approximately 200 feet north of the northwest-flowing Crutcho Creek. The area in the vicinity of the SP rises gradually to the northeast. A shallow ditch runs along the east side of the site and terminates in the creek south of the site. North of the site, this ditch parallels Patrol Road. Excess surface water from the site may drain into the ditch and/or Crutcho Creek. During its period of operation, the pond would periodically overflow during heavy rainfalls; the overflow would then enter Crutcho Creek.

3.2.7 Radioactive Waste Disposal Site 1030W

RWDS 1030W is within Landfill 2, which is now covered with a RCRA landfill cap. The cap was constructed and maintained to promote surface drainage away from the landfill toward Crutcho Creek north of the site.

3.2.8 Radioactive Waste Disposal Site 62598

RWDS 62598 is located in the north side of Crutcho Creek. Surface water drainage flows across the level site into Crutcho Creek.

3.2.9 Radioactive Waste Disposal Site 1022E

After the removal action at RWDS 1022E was completed, the site was partly covered by the grading activities during construction of the cap for the adjacent Landfill 3. This cap has a three to five percent slope toward the west. Surface water then drains to Crutcho Creek. The Phase II RFI report (IT Corp., April 1999) states that the RWDS 1022E is located directly adjacent to the northwest corner of Landfill 3. "The site is covered with grass and lies on the boundary of a depression created for the construction of Building 1022."

3.2.10 AOC Drainage Spillway

The AOC Drainage Spillway is partially concrete lined and receives storm drainage from Building 1030 and discharges the runoff downstream to Crutcho Creek.

3.2.11 Drum Storage Area

The Drum Storage Area is now covered by base infrastructure, such as buildings, roads, and the aircraft parking apron. Due to the proximity of Crutcho Creek, runoff probably originally drained northward to the creek.

3.3 Soils

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) (USDA, February 1969) and several soil drilling/testing projects conducted for new construction at Tinker AFB have resulted in a number of soil surveys. The SCS conducted a more detailed basewide soil survey in 1983, which was later updated (Tinker AFB, August 1991). This survey identified 46 soil types within the base boundary. These can be classified into two basic types: residual and alluvial.

The four major soil associations (**Table 3-1**) mapped within the base limits are Darnell-Stephenville, Renfrow-Vernon-Bethany, Dale-Canadian-Port, and Dougherty-Norge-Teller (**Figure 3-2**). The residual soils associations (Darnell-Stephenville, Renfrow-Vernon-Bethany, and Dougherty-Norge-Teller) are products of the weathering of underlying bedrock. The alluvial soils of the Dale-Canadian-Port association are developed on younger silt and sand deposits which are typically restricted to stream floodplains (IT Corp., April 1999).

TABLE 3-1
Tinker AFB Soil Associations
Tinker AFB, Oklahoma

Association	Description	Thickness (in)	Unified Soil Classification	Permeability (in/hr)
Darnell-Stephenville: loamy soils of wooded uplands	sandy loam, sandy clay loam, soft sandstone (Garber Sandstone)	12-54	SM, ML, SC	2.0-6.30
Renfrow-Vernon-Bethany: loamy and clayey soils on prairie uplands	silt loam – clay, clay loam, mudstone (Hennessey Group)	12-60	ML, CL, MH, CH	<0.06-0.20
Dale-Canadian-Port: loamy soil on low benches near large streams	fine sandy loam, silty clay loam, loam clay loam	12-60	SM, ML, CL	0.05-6.3
Doughtery-Norge-Teller: sandy and loamy soils on wooded and prairie uplands	loam clay loam mudstone (Hennessey Group)	12-50	ML, CL	<0.06-0.20

Sources: U.S. Department of Agriculture, 1969, Soil Survey, Oklahoma County, Oklahoma; Tinker Air Force Base, 1991, Natural Resources Management Plan.

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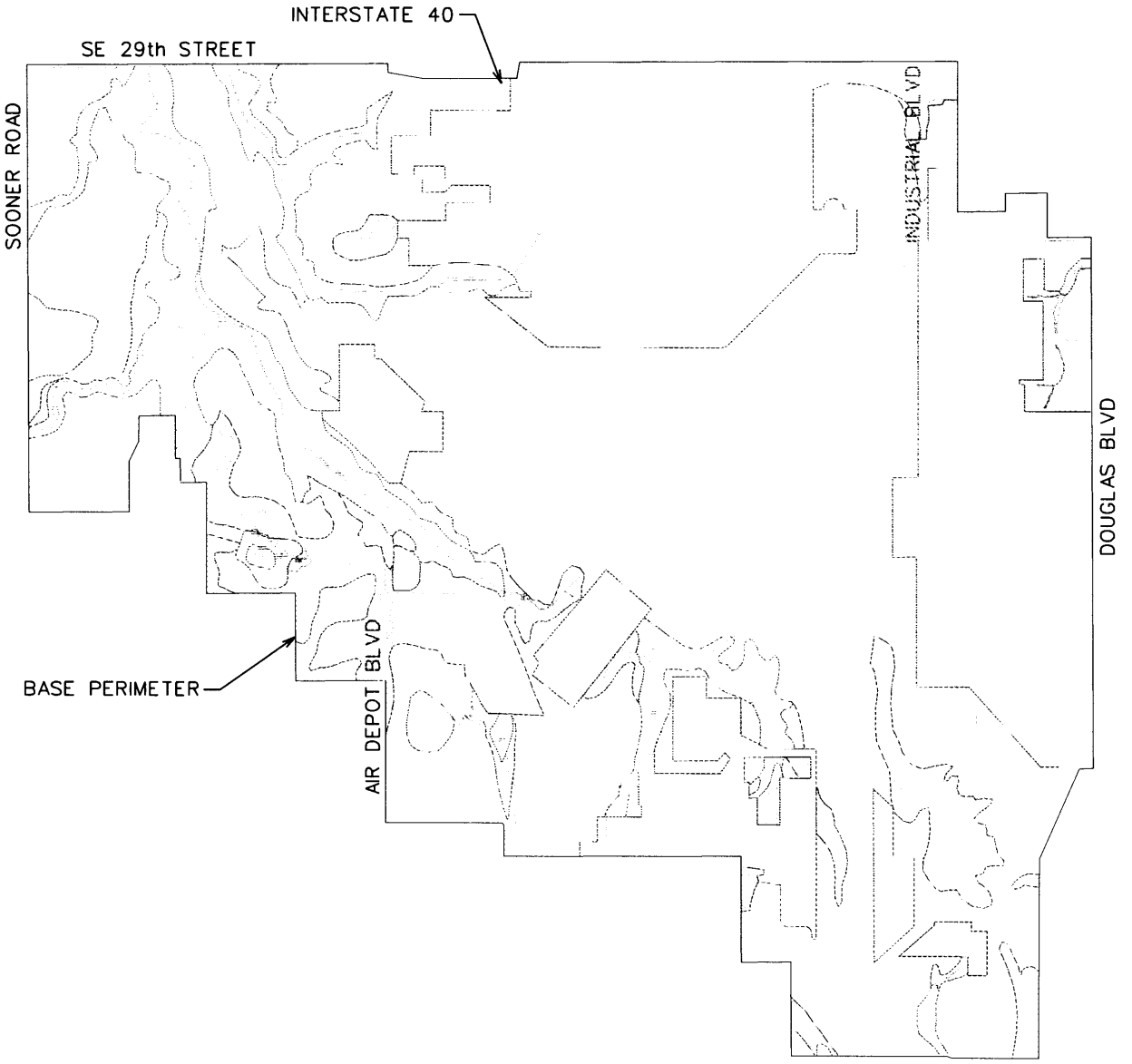

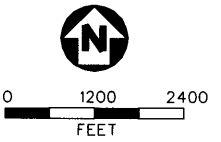

SOIL ASSOCIATIONS

- DARNELL-STEPHENVILLE
- RENFROW-VERNON-BETHANY
- DALE-CANADIAN-PORT
- DOUGHTERTY-NORGE-TELLER
- URBAN LAND

DIRECTORATE OF ENVIRONMENTAL MANAGEMENT
OKLAHOMA CITY ALC

FIGURE 3-2
Soil Associations
Tinker AFB, Oklahoma

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3.4 Geology

3.4.1 Regional/Tinker AFB Geology

The Central Oklahoma region is underlain by Pennsylvanian and Permian sedimentary rocks, which are overlain in places by Quaternary alluvium, sand dunes, and terrace deposits. The bedrock formations dip to the west at approximately 30 to 40 feet per mile (about 0.4 degrees). The formations generally strike slightly west of north. Formations older than Pennsylvanian crop out progressively to the east (IT Corp., April 1999).

Tinker AFB is located within the Central Redbed Plain Section of the Central Lowland physiographic province, a tectonically stable area. Strata around Tinker AFB have a relatively uniform, gentle westward dip. Although Tinker AFB lies in a tectonically stable area, regional dips are interrupted by buried structural features west of the base. The primary deep structure in the area is an anticline trending NW-SE that occurs beneath the Oklahoma City Oil Field directly west of Tinker AFB. The axis of the anticline is approximately two to 2.5 miles west of the base. The east limb of the anticline is faulted, but the main fault does not appear to offset Permian-age strata. The main fault also forms the west limb of a syncline adjacent to and just east of the anticline. There are indications that the syncline may act as a "sink" for some regional groundwater (southwest flow) at Tinker AFB before it continues to more distant discharge points and may partially control the location of Crutcho Creek.

The bedrock geologic formations that are important to an evaluation of the fate of surficial or near-surface contaminant releases at Tinker AFB include, from youngest to oldest, the Hennessey Group, the Garber Sandstone, and the Wellington Formation (**Figure 3-3** and **Table 3-2**). The Garber Sandstone and the Wellington Formation are the principal water-bearing units of the Central Oklahoma Aquifer.

Underlying the Wellington Formation are Permian age rocks of the Chase, Council Grove, and Admire Groups, which are also part of the aquifer. These groups overlie the Vanoss Formation, which is the lower confining bed of the aquifer.

The Hennessey Group, Garber Sandstone, and Wellington Formation were deposited during the Permian Period. The units form a conformable sequence of sandstones, siltstones, and shales. The Hennessey Group consists of reddish-brown shale and mudstone, with a few thin, lenticular beds of very fine-grained sandstone.

The Garber Sandstone and Wellington Formation have similar lithologies. In Central Oklahoma, these units consist of lenticular beds of fine-grained, cross-bedded sandstone interbedded with siltstone and mudstone. The sand is predominantly quartz. These formations form approximately the upper 1,200 feet of the stratigraphic column at Tinker AFB (Christenson et al., 1992). Both of these formations were deposited in a fluvial-deltaic environment at the margin of a broad Permian basin located to the west. A Permian delta is reported to have existed generally in the vicinity of present-day central Oklahoma County (Patterson, 1933), where as much as 75 percent of the Permian section is sandstone. Lithology is highly variable, with individual lithologic beds pinching out abruptly by grading laterally into a different lithology, making time-stratigraphic correlation difficult.

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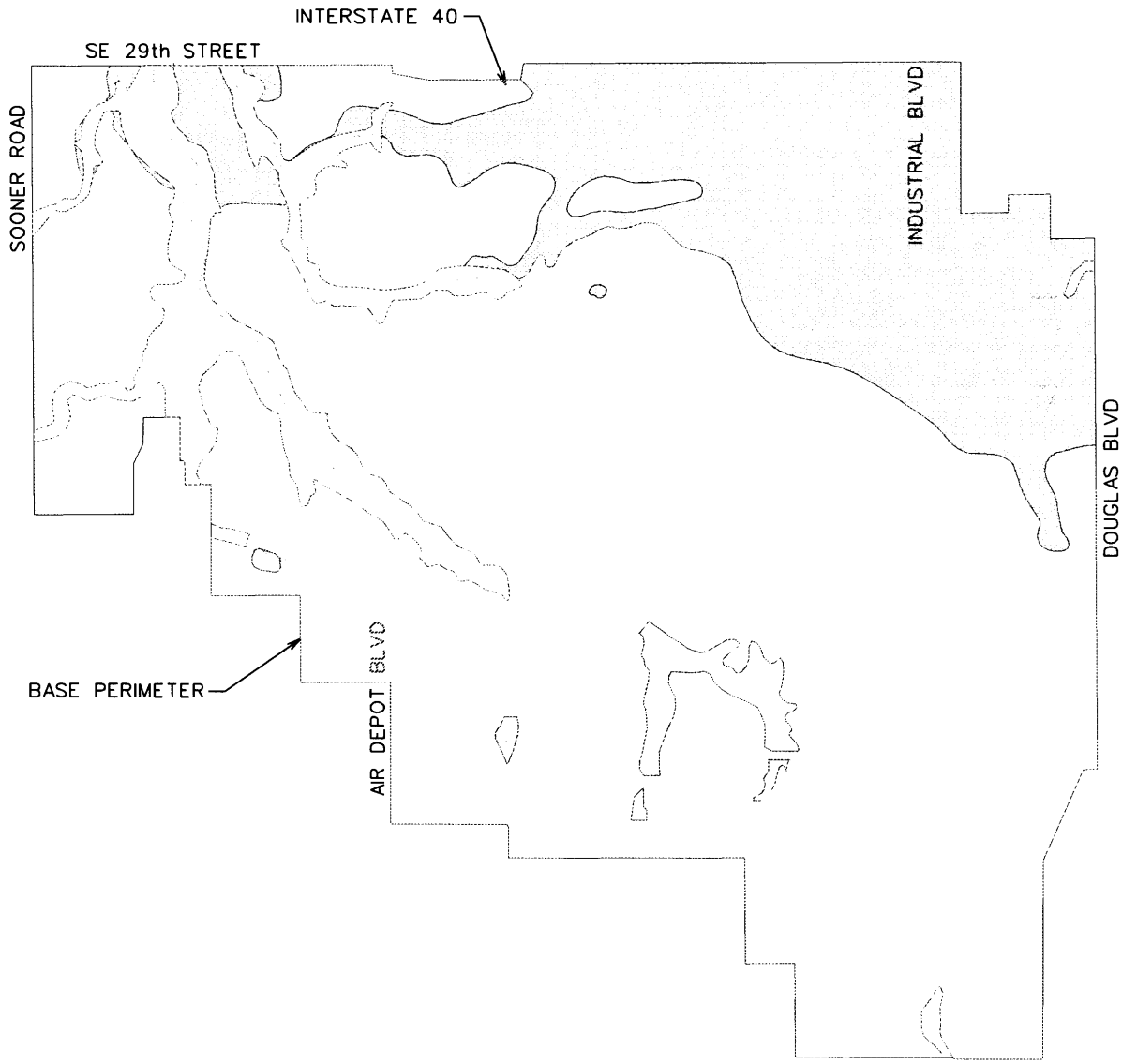

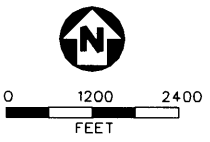

EXPLANATION

- HENNESSEY GROUP
- GARBER SANDSTONE/ WELLINGTON FORMATION
- ALLUVIUM

FIGURE 3-3
Geology of Tinker AFB
Tinker AFB, Oklahoma

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TABLE 3-2
Major Geologic Units in the Vicinity of Tinker AFB
Tinker AFB, Oklahoma

System	Series	Stratigraphic Unit	Thickness (feet)	Description and Distribution	Water-Bearing Properties
QUATERNARY	PLEISTOCENE AND RECENT	Alluvium	0-70	Unconsolidated and interfingering lenses of sand, silt, clay, and gravel in the flood plains and channels of stream	Moderately permeable. Yields small-to-moderate quantities of water in valleys of larger streams. Water is very hard, but suitable for most uses, unless contaminated by industrial wastes or oil field brines.
		Terrace deposits	0-100	Unconsolidated and interfingering lenses of sand, silt, gravel, and clay that occur at one or more levels above the flood plains of the principal streams.	Moderately permeable. Locally above the water table and not saturated. Where deposits have sufficient saturated thickness, they are capable of yielding moderate quantities of water to wells. Water is moderately hard-to-very hard, but less mineralized than water in other aquifers. Suitable for most uses unless contaminated by oil field brines.
PERMIAN	LOWER	Hennessey Group (includes Kingman Siltstone and Fairmont Shale)	700	Deep-red clay shale containing thin beds of red sandstone and white or greenish bands of sandy or limey shale. Forms relatively flat to gently rolling grass-covered prairie.	Poorly permeable. Yields meager quantities or very hard, moderately to highly mineralized water to shallow domestic and stock wells. In places water contains large amounts of sulfate.
	PERMIAN	Garber Sandstone	500±	Deep-red clay to reddish-orange, massive and cross-bedded fine-grained sandstone interbedded and interfingered with red shale and siltstone	Poorly to moderately permeable. Important source of groundwater in Cleveland and Oklahoma counties. Yields small to moderate quantities of water to deep wells; heavily pumped for industrial and municipal uses in the Norman and Midwest City areas. Water from shallow wells hard-to-very hard; water from deep wells moderately hard to soft. Lower part contains water too salty for domestic and most industrial uses.
		Wellington Formation	500±	Deep-red to reddish-orange massive and cross-bedded fine-grained sandstone interbedded with red, purple, maroon, and gray shale. Base of formation not exposed in the area.	

Note: Table modified from Wood and Burton (1968)

These bedrock units were deposited during the Permian Age (230 to 280 million years ago) and are typical of redbed deposits formed during that period. They are composed of a conformable sequence of sandstones, siltstones, and shales. Individual beds are lenticular and vary in thickness over short horizontal distances. Because lithologies are similar and because of a lack of fossils or key beds, the Garber Sandstone and the Wellington Formation are difficult to distinguish and are often informally grouped together as the Garber-Wellington Formation. Together, they are about 1,200 feet thick at Tinker AFB. The interconnected, lenticular nature of sandstone units within the sequence forms complex pathways for groundwater and contaminant movement.

Quaternary deposits consist of unconsolidated weathered bedrock, fill material, wind-blown sand, and interfingered lenses of sand, silt, clay, and gravel of fluvial origin. The terrace deposits are exposed where stream valleys have downcut through older strata and have left the terrace deposits topographically above present-day stream deposits. Alluvial sediments range in thickness from less than one foot to nearly 20 feet (IT Corp., September 1994).

Figure 3-4[1] shows the location of geologic cross-sections through Tinker AFB. Correlation of geologic units is difficult due to the discontinuous nature of the sandstone and shale beds. However, cross-sections (**Figures 3-5**[1] through **3-19**[1]) demonstrate that two stratigraphic intervals can be correlated over large sections of the Base in the conceptual model. These intervals are represented on geologic cross-sections A-A' and B-B' (**Figures 3-5**[1] and **3-6**[1]) for the on-base portion of the study area. **Figures 3-17**[1] through **3-19**[1] were added to demonstrate continuity of these units into the off-base portion of the study area.

Section A-A' is roughly a dip section. The first correlatable interval is marked by the base of the Hennessey Group and the first sandstone at the top of the Garber Sandstone. This interval is mappable over the southern half of Tinker AFB. The second interval consists of a shale zone within the Garber Sandstone which, in places, is comprised of a single shale layer and, in other places, of multiple shale layers. This interval is more continuous than other shale intervals, and in cross-sections appears mappable over a large part of the base. It is extrapolated under the central portion of Tinker AFB where there is little well control. The lateral continuity of the shale zone within the Garber Sandstone is also indicated by the potentiometric head differential between the USZ and the LSZ. On the east side of the Base, this difference is up to 40 feet; on the west side, it is about 20 feet.

3.4.2 Site CG038 Geology

The geology of the CG038 area is shown in the **Figures 3-5**[1] through **3-19**[1] geologic cross-sections. Contaminated groundwater site CG038 is in the southwest quadrant of Tinker AFB where the overlying Hennessey Group attains its maximum thickness (approximately 70 feet). The Hennessey consists of reddish-brown shale with beds of siltstone and silty sandstone. The unit thins erosionally northeastward and pinches out north of Landfills 1 through 4. Where present and thick enough, the Hennessey separates the regional water table in the Garber- Wellington Aquifer from overlying perched water.

Figures 3-5[1] and **3-6**[1] are the most recent geologic cross sections for the on-base portion from the Basewide Non-NPL Groundwater Phase II RFI Addendum 2 (IT Corp., in progress). Trenches in Landfills 1 through 4 are excavated mainly into the Hennessey Group

clay and shale, but some of the Landfill 2 and 3 trenches appear to extend into the underlying Garber-Wellington. Wastes discovered in the trench areas just below the cover material ranged in thickness from a few feet to 18 feet (USACE, 1993). The piezometric surface of the HWBZ is within the landfill material (**Figures 3-6[1]** through **3-9[1]** and **3-12[1]**), and at some locations, deep landfill trenches extend to the top of or into the USZ.

North of Crutcho Creek at the SP, the Hennessey Group consists of about 10 to 12 feet of clay, silty clay, and weathered shale (**Figure 3-9[1]**). This surficial clay and weathered shale is underlain by a USZ shale unit, which is approximately five feet thick. Below this USZ shale are USZ sands extending to depths of 35 to 45 feet below ground. These USZ sands are underlain by the USZ-LSZ aquitard.

At the FTA 1, also north of Crutcho Creek, the overburden consists essentially of five to eight feet of black to reddish brown-colored clay. The clay has low to medium plasticity with occasional pockets of organic material. Several borings indicated "black lenses with black nodules," which may be of organic origin. Beneath the shale is a highly-weathered red shale, about six feet in thickness, which in some borings has the appearance of a clay. Beneath the shale is red sandstone, poorly cemented and approximately 20 feet thick. The clay and shale represent the lower part of the Hennessey Group (Fairmont Shale). The sandstone is the uppermost unit of the Garber Sandstone.

Although no faults have previously been identified on Tinker, recent well information suggests that a normal fault or series of faults (downthrown side to the east) may be located just west of the base boundary and may traverse the southwest corner of Tinker AFB. It is possible that there is one primary fault with several splays or that there are a series of parallel faults with similar amounts of throw. The faults appear to generally trend NW-SE and roughly parallel the main fault described in Section 3.4.1. Possible evidence of the fault(s) can be observed in slight changes in dip direction as shown on **Figures 3-17[1]** through **3-19[1]** (Cross Sections 2N-2N', 2O-2O', and 2P-2P', respectively). **Figure 3-4[1]** includes a depiction of possible fault traces in areas in which the strongest evidence of possible faulting is represented in the cross sections. The amount of apparent throw on the fault(s) appears to be relatively small within the Permian geologic units, perhaps as little as five to 10 feet. At this time, there is not sufficient subsurface data in the area southwest of Tinker to provide a more definitive representation of faulting.

3.5 Hydrogeology

3.5.1 Regional/Tinker AFB Hydrogeology

The most important source of potable groundwater in the Oklahoma City metropolitan area is the Central Oklahoma aquifer system. This aquifer extends under much of central Oklahoma and includes water in the Garber Sandstone and Wellington Formation; the overlying alluvium and terrace deposits; and the underlying Chase, Council Grove, and Admire Groups. The Garber Sandstone and the Wellington Formation portion of the Central Oklahoma aquifer system is commonly referred to as the Garber-Wellington aquifer and is considered to be a single aquifer because these units were deposited under similar conditions and because many of the best producing wells are completed in this zone. On a

regional scale, the aquifer is confined above by the less permeable Hennessey Group and underneath by the Late Pennsylvanian Vanoss Group (IT Corp, April 1999).

Tinker AFB lies within the limits of the Garber-Wellington Groundwater Basin. Currently, Tinker AFB derives approximately 75 percent of its water supply from this aquifer and purchases supplements from the Oklahoma City Water Department. The nearby communities of Midwest City and Del City derive water supplies from both surface sources and wells tapping the aquifer. Industrial operations, individual homes, farm irrigation, and small communities not served by a municipal distribution system also depend on the Garber-Wellington aquifer. Communities presently depending upon surface supplies (such as Oklahoma City) also maintain a well system drilled into the Garber-Wellington as a standby source of water in the event of drought.

Recharge of the Garber-Wellington aquifer occurs principally by percolation of surface waters crossing the area of outcrop and by rainfall infiltration in this same area. Because most of Tinker AFB is located in an aquifer outcrop area, the base is considered to be situated in a recharge zone (IT Corp., April 1999).

According to Wood and Burton (1968) and Wickersham (1979), the quality of groundwater derived from the Garber-Wellington aquifer is generally good, although wide variations in the concentrations of some constituents are known to occur. Wells drilled to excessive depths may encounter a saline zone, generally greater than 900 feet below ground surface. Wells drilled to such depths or those accidentally encountering the saline zone are either grouted over the lowest screens or may be abandoned.

Tinker AFB presently obtains its water supplies from a distribution system comprised of 20 operational water wells constructed along the east and west base boundaries. In addition, there are two Oklahoma City tie-ins, one at S.E. 59th Street and the other at S.E. 44th and Douglas Blvd. Of the 33 production wells that have been drilled at Tinker AFB since the 1940's, the following wells have been plugged: 6, 10, 14, 15, 16, 17, 18, 19 and 28 (Keith Buehler, personal communication, March 2000). Drinking water is supplied from Tinker's water wells and Oklahoma City tie-ins (Tinker Take Off, October 15, 1999). All base wells are finished into the Garber-Wellington aquifer. Base wells range up to 700 feet in finished depth, with yields ranging from 205 to 250 gallons per minute. The wells incorporate multiple screens, deriving water supplies from sand zones with a combined thickness from 103 to 184 feet (Wickersham, 1979).

Although the variability in the geology and the recharge system at Tinker AFB makes it difficult to predict local flow paths, Central Oklahoma aquifer water table data show that regional groundwater flow under Tinker AFB varies from west-northwest to southwest, depending on location. This theory is supported by contoured potentiometric data from Tinker AFB monitoring wells that show groundwater movement in the upper and lower aquifer zones to generally follow regional dip. Measured normal to potentiometric contours, groundwater flow gradients range from 0.0019 to 0.0057 ft/ft. However, because flow in the near-surface portions of the aquifer at Tinker AFB is strongly influenced by topography, local stream base-levels, complex subsurface geology, and location in a recharge area, both direction and magnitude of groundwater movement is highly variable. The interaction of these factors not only influences regional flow but also creates complex local, sometimes transient, flow patterns at individual sites.

3.5.2 Site CG038 Hydrogeology

The geology of the CG038 area is shown in the geologic cross-sections on **Figures 3-5**[1] through **3-19**[1]. In the CG038 area, the HWBZ is the principal water table aquifer, described by the USACE as the Upper Water bearing Zone (USACE, 1993) at Landfills 1 through 4. Beneath the HWBZ are the USZ with an average thickness of about 20 feet and the LSZ extending to approximately 200 feet in depth. Below this is the PZ from which the base draws much of its water supply.

The Hennessey Group crops out and reaches a maximum thickness of approximately 65 feet in the CG038 area. The Hennessey is thinnest along Crutcho Creek, where in some areas it is less than two feet thick to non-existent where the creek has eroded down to the Garber-Wellington. The Hennessey in this area is predominantly clay and silt. The lithology and attitude (strike and dip) of the Hennessey within CG038 is consistent with its basewide character. Waste disposal and land-filling activities have resulted in reworking of Hennessey sediments in the vicinity of landfill trenches and pits, and construction activities have altered the Hennessey at and near base runways and some buildings, parking lots, and roads. The saturated portion of the Hennessey Group forms the HWBZ.

The Garber Sandstone and Wellington Formation within CG038 are consistent in lithology and structural attitude to other areas of the base. Sediments in these formations vary significantly in grain size over small lateral distances, sometimes less than tens of feet, with the result that individual sandy or clayey beds are not easily correlated over long distances. However, intervals having a generally clayey character are traceable within the CG038 site. The Garber-Wellington sediments form the USZ, the LSZ, LLSZ, and the PZ.

Monitoring wells located in and around CG038 are screened in the HWBZ, USZ, the LSZ, and the LLSZ. The site-specific hydrogeologic conditions are summarized in the following sections for each of these zones.

The southwest part of Tinker AFB is drained by tributaries of Crutcho Creek. The eastern tributary of Crutcho Creek flows immediately north of Landfills 1 and 3, as well as adjacent to other SWMUs and AOC (FTA 1, Supernatant Pond, Spill Pond, etc.). Along this reach, the Creek has been channelized and straightened. Based on water level data collected from piezometers and monitoring wells located adjacent to the creek, the reach of the creek that runs through the CG038 area is primarily a gaining stream. Discharge to the creek is likely a combination of HWBZ and USZ discharge, with the HWBZ being dominant east of Air Depot Boulevard, and the USZ being dominant west of Air Depot Boulevard. Perennial flow in the creek is only observed downstream of Patrol Road, indicating that discharge from the Hennessey or the USZ east of that point is very small (IT Corp., September 1999).

3.5.2.1 Hennessey Water Bearing Zone

The Hennessey Group is characterized by fine-grained beds of relatively low hydraulic conductivity. The saturated thickness of the HWBZ in the area varies from a maximum of approximately 65 feet near well cluster 45 to zero feet along Crutcho Creek where, in some places, it is absent.

The HWBZ receives recharge from precipitation that infiltrates the land surface. In some areas, ponded surface water provides direct recharge. Before the landfills were capped, rain

water ponded in topographic depressions where underlying materials in landfill burial trenches had compacted. The landfill caps now prevent water from ponding and infiltrating trenches on the landfills.

During dry periods, the occurrence of desiccation cracks that can reach up to 30 feet in depth may locally enhance infiltration rates through the Hennessey. Desiccation cracks are widely evident in this area, particularly during the summer and where finer grained units outcrop. At the surface, these cracks often reach a width of one-half inch or more. Studies have shown that large volumes of water can penetrate to depth via these fractures before they finally close off. In areas where the Hennessey is generally greater than 30 feet thick for example, a vadose zone is present below the HWBZ and above the USZ, but where it is less than this thickness the HWBZ and the USZ have the same measured potentiometric head. This relationship is evident in several places on the cross-sections through this area. This suggests the possibility that vertical flow within the HWBZ at least up to a depth of around 30 feet may be largely controlled by these cracks. The presence of fractures also increases connectivity of more permeable zones within the Hennessey and enhances horizontal flow. Where fracture depth equals or exceeds the Hennessey thickness, surface water can penetrate the Hennessey even through the basal Fairmont Shale unit and directly recharge the USZ (IT Corp., September 1999). Local groundwater highs in the USZ support this premise.

In addition to natural pathways, water from within the Hennessey can directly recharge the USZ via landfill trenches, some of which penetrate into the upper sandstone unit of the Garber Sandstone. This is believed to be a primary route for migration of landfill leachate to the USZ. Landfill trenches in this area are mainly dug into the Hennessey. The connectivity between the HWBZ and the USZ through the trenches or via fractures however, also suggests that much of the trench water, and consequently landfill leachate, which once derived from both vertical infiltration of rainwater and from lateral flow from the HWBZ but now comes primarily from the HWBZ due to landfill capping, does not make it to Crutcho Creek. Instead, this water migrates vertically downward via fractures to the USZ where the Hennessey thickness reaches less than 30 feet or directly through the trenches where they reach the top of the Garber Sandstone.

Figure 3-20[1] is a map of water levels measured in October 1999 in wells completed in the HWBZ. Groundwater flow in the HWBZ is generally semi-radial from topographic highs toward creek drainages, which suggests the creek is base level for the HWBZ. In CG038, groundwater flow is generally to the north towards Crutcho Creek. The HWBZ recharges the creek except where it moves downward to the USZ before reaching the creek. The measured water levels were obtained from HWBZ monitoring wells and piezometers. Some of the piezometers are nested, meaning that multiple piezometers having screens completed at different depths in the Hennessey are installed at the same location. In these areas, the shallowest water level was selected for plotting the HWBZ potentiometric surface with the result that in most areas, the map reflects the approximate position and configuration of the water table. The absence of the HWBZ north of most of Crutcho Creek is thought to be because the Hennessey is generally less than 30 feet thick there and does not support a separate aquifer, although some isolated perched aquifers probably exist. Wells and piezometers installed in the Hennessey north of the creek and within a few hundred feet of the creek channel south of the creek almost invariably show the same potentiometric head

as USZ wells installed at the same location, indicating they are one and the same aquifer zone.

The water table of the HWBZ follows topographic elevation contours, with groundwater flow moving toward the lower elevations. Where water levels are different at a single location (e.g., nested piezometers), the declining head with depth indicates a downward hydraulic gradient within the Hennessey. Where only one well or piezometer is completed in the Hennessey and only the lower part of the formation is screened, the water level may not reflect the position of the water table. The HWBZ potentiometric surface map (**Figure 3-20[1]**) does not include water level data from some of the wells or piezometers that are completed in the lower part of the HWBZ if the water levels appeared to be anomalously low. The lower water level in wells completed in the lower part of the HWBZ is indicative of the downward flow gradient within the HWBZ.

The hydraulic conductivity of the HWBZ was tested in well 2-220B by slug testing (IT Corp., September 1999). Based on this single test, the hydraulic conductivity of the HWBZ is estimated to be 0.00063 ft/day (2.2×10^{-7} cm/sec). This result is consistent with the expected hydraulic conductivity based on the clayey nature of the sediments in the screened interval and the extremely slow rate of the initial rise in water level in this well. However, it is important to recognize that a considerable range of hydraulic conductivity within the HWBZ is possible. Wells screened below the influence depth of desiccation cracks would exhibit lower conductivity than wells screened shallower within the influence of desiccation cracks.

Based on a typical horizontal hydraulic gradient (0.027) estimated from the HWBZ potentiometric surface map, the above value of hydraulic conductivity, and an assumed effective porosity of 0.2, the average horizontal groundwater velocity is about 0.03 feet per year.

3.5.2.2 Upper Saturated Zone

The USZ, comprised of sediments of the Garber Sandstone, is characterized by sandy and silty water-transmissive beds that are interbedded with fine-grained beds of relatively low hydraulic conductivity.

In CG038, the USZ receives recharge from the HWBZ above (vertical leakage) and from lateral inflow of groundwater in the USZ from the eastern part of the base. There may be some minimal recharge of the USZ from surface water in Crutcho Creek, although the reach of Crutcho Creek north and east of the landfills appears to be in equilibrium to gaining with respect to groundwater-surface water intersection (Parsons E-S, March 1997).

Figure 3-21[1] is a potentiometric surface map of water levels measured in November 1998. **Figure 3-22[1]** is a potentiometric surface map of water levels measured in October 1999 in wells completed in the USZ. Groundwater flow in the USZ in CG038 is generally to the southwest. In some areas of Landfills 2 and 3, local potentiometric highs in the USZ appear to represent areas where recharge (vertical drainage) from the HWBZ is occurring, such as in the vicinity of well cluster 76, where the measured water level in the USZ is actually higher than the creek level directly up-gradient to it. As noted in Section 3.5.2.1, the USZ and the HWBZ are in direct hydraulic communication over a portion of CG038. In other parts of the area, especially where the Hennessey Group is relatively thick, water levels in

the USZ wells are below the base of the Hennessey, indicating that a vadose zone locally exists between these water-bearing zones.

The USZ is generally a water table (unconfined) to semi-confined aquifer zone at Tinker, yet across a large portion of CG038, it appears to be confined by the Hennessey Group (**Figure 3-21**[1]). This zone is defined by locations taken off cross-sections where the elevation of the USZ potentiometric surface is greater than the elevation of the base of the Hennessey Group. The appearance of the USZ as a confined aquifer zone in this area is misleading however. The combination of geologic dip, groundwater gradient, the position of Crutcho Creek, and recharge locally from the HWBZ all combine to give the appearance of a confined aquifer locally. It can be seen on **Figure 3-21**[1] that the area where the USZ appears to be confined is limited to a zone approximately equidistant to the north and south of Crutcho Creek. Over most of this area the Hennessey Group is less than 30 feet thick, which does not allow it to maintain a separate aquifer zone; fractures allow direct communication between the HWBZ and the USZ, resulting in measured potentiometric heads in wells screened in the Hennessey and the USZ that are the same. In fact, measurements in both zones represent USZ groundwater in an area where the elevation of the USZ potentiometric surface is higher than the base of the Hennessey because fractures also allow USZ water to move vertically upward into the Hennessey, thus maintaining the unconfined nature of the aquifer zone.

Although groundwater flow in the USZ is generally southwest across most of CG038, the pattern changes just west of the Tinker Base boundary. Measured groundwater levels in established USZ monitor wells along the west boundary near Sooner Road as well as new wells located off-base southwest of Landfills 1 through 4, indicate that groundwater in the USZ west of Tinker is flowing generally southeast as shown on **Figure 3-23**[1]. **Figure 3-23**[1] is a potentiometric surface map generated using water levels measured in May, 2001 for on-base monitoring wells. This map was expanded to include monitoring wells 41AR and 42AR located near the western base boundary near Sooner Road. Also included on this map are off-base monitoring wells installed in 2001 in an area known as the Tinker View Acres Subdivision (TVA). Water levels for these wells were measured in August, 2001.

As indicated on **Figure 3-23**[1], the southwest and southeast flow components appear to come together in the TVA area, at which point both turn southward. The dichotomy in flow is explained as follows. The southwest component of flow on Tinker and across most of CG038 is due to the westward, homoclinal dip of geologic units under the base. The southeast flow is explained by the presence of the Oklahoma City Anticline west of the base. Groundwater turns southward because the discharge points for this water are located to the south. The most important ramification of this is that the southeast flow creates a hydraulic barrier to further westward migration of contaminant plumes that stem from sources located on Tinker. Moreover, based on these flow patterns, contaminant plumes would be anticipated to turn southward after leaving the base proper, which in this case would be toward less populated areas.

There is also a northeast-southwest trending groundwater divide in the USZ across the northwest corner of CG038. The divide separates groundwater flowing generally northward from groundwater flowing generally southward. The divide may reflect a zone where shallow groundwater is directed to different discharge points; groundwater flowing northward discharges to Crutcho Creek on Tinker, and groundwater flowing southward

discharges to the Little River located well south of the base. The occurrence of this groundwater divide in the USZ could be controlled by facies and permeability changes in the USZ, the elevation of Crutcho Creek (the point at which the creek becomes a fully gaining stream), as well as structural influences related to the syncline just west of or partly underlying Tinker AFB.

Groundwater in the USZ within CG038 discharges by downward leakage to the LSZ and by lateral flow out of the area within the USZ. However, water levels measured in LSZ wells during a seven day pumping test of USZ well 2-212PT in the fall of 1995 did not respond to pumping of the USZ well, suggesting that the USZ-LSZ aquitard forms an effective barrier to vertical flow in this area (IT Corp., September 1999). Additionally, the general absence of contamination in the LSZ supports the interpretation of restricted vertical flow from the USZ to the LSZ.

The typical horizontal hydraulic gradient in the CG038 is approximately 0.007 ft/ft based on the differences in groundwater elevation contours across the area. However, this horizontal gradient varies considerably from about 0.008 ft/ft near Landfill 3, where there is a groundwater mound to about 0.02 ft/ft downgradient from Landfill 4. Local variations in the hydraulic gradient and groundwater flow direction are potentially the result of local recharge from the HWBZ, drainage to creeks, and changes in hydraulic conductivity or thickness of the formation.

The saturated thickness of the USZ appears to range from a little over 25 feet to less than 15 feet across the area. However, in most cases, this thickness represents a geologic interval comprised of both permeable (sandstone) and impermeable (shale/clay) units. Therefore, the total thickness at any location where actual flow occurs is probably less than the total saturated thickness, which is based on the difference between the potentiometric surface and the top of the underlying aquitard, shown on the cross sections as the USZ-LSZ aquitard.

Based on the results of the aquifer pumping test performed on well 2-212PT, which is screened in the USZ south of Landfill 4, the hydraulic conductivity of the USZ is 6.5 ft/day (2.3×10^{-3} cm/sec). These results are consistent with the expected hydraulic conductivity based on the nature of the sediments. This hydraulic conductivity is somewhat greater than the average for the USZ in other areas, potentially due to differences in grain size, clay content, or cementation in the USZ at the pumping test site as compared to other areas.

The calculated average linear flow velocity of groundwater in the USZ is approximately 95 ft/yr. This is based on an assumed effective porosity of 0.2, the typical horizontal gradient estimated from the USZ potentiometric surface map, and the geometric average hydraulic conductivity value calculated from the aquifer test (6.5 ft/day). This calculated groundwater flow velocity is probably too high and may not be representative throughout the CG038 area because of differences in hydraulic conductivity and horizontal hydraulic gradient.

The leading edge of the 2E plume is approximately 2,500 feet downgradient from the center of Landfill 2, and Landfill 2 was closed in 1952. This suggests an average linear flow velocity of about 50 ft/yr. Solutes (natural constituents or contaminants) within the groundwater may migrate at a slower rate than the average linear velocity due to chemical and physical processes such as adsorption, advection, and degradation.

The distribution of contaminants in the USZ (i.e., plume size) in the area of the pumping test in Subunit 2E in CG038 generally reflects this high flow velocity, as the contaminants in this area have migrated farther from the apparent source compared to plumes in other areas. In addition, the groundwater mounds that existed beneath landfills prior to capping could have enhanced the groundwater flow velocity and contaminant migration because of the increased potentiometric head.

3.5.2.3 Lower Saturated Zone

The LSZ underlies the USZ and is separated from it by the beds of the USZ/LSZ aquitard, as depicted on the geologic cross sections on **Figures 3-5[1]** through **3-19[1]**. The LSZ is comprised of sandy and silty water-transmissive beds interbedded with fine-grained beds of relatively low hydraulic conductivity.

The LSZ at CG038 receives minimal recharge from downward leakage from the USZ. Recharge is primarily from lateral inflow of groundwater in the LSZ from the eastern part of the base. **Figure 3-24[1]** is a potentiometric surface map of water levels measured in LSZ wells in October 1999. LSZ groundwater flows generally to the southwest; however, flow direction across CG038 gradually turns more southerly from east to west, generally following the same pattern as the USZ. The change in direction reflects the same structural impacts to flow in this area as found in the USZ. Unlike under the eastern portions of Tinker AFB, there is no vadose zone between the USZ and the LSZ within CG038. The groundwater in the LSZ discharges by downward leakage to the LLSZ and by lateral flow out of the area within the LSZ (IT Corp., September 1999).

The typical hydraulic gradient for the LSZ is calculated to be approximately 0.002 ft/ft, based on the differences in groundwater elevation contours across the area. Local variations in the hydraulic gradient and groundwater flow direction are potentially the result of changes in hydraulic conductivity or thickness of the formation.

Based on the results of the aquifer pumping tests performed on well 2-213PT screened in the LSZ south of Landfill 4, the hydraulic conductivity of the LSZ is 3.0 ft/day (1.1×10^{-3} cm/sec). These results are consistent with the expected hydraulic conductivity based on the nature of the sediments in the screened intervals.

The average linear flow velocity of groundwater in the LSZ is approximately 11 ft/yr. This is based on an assumed effective porosity of 0.20, the typical horizontal gradients determined from the USZ potentiometric surface map, and the geometric average hydraulic conductivity value calculated from the aquifer tests. However, solutes (natural constituents or contaminants) within the groundwater may migrate at a slower rate than this average linear velocity due to chemical and physical processes such as adsorption and advection.

3.5.2.4 Lower-Lower Saturated Zone

The LLSZ is the lower portion of the LSZ as depicted on the geologic cross sections on **Figures 3-5[1]** through **3-19[1]**. The LLSZ is formed from sandy and silty water-transmissive beds interbedded with fine-grained beds of relatively low hydraulic conductivity.

In CG038, the LLSZ receives recharge from downward leakage from the LSZ and from lateral inflow of groundwater in the LLSZ from the eastern part of the base. Discharge is through downward leakage to the PZ and by lateral flow out of the area within the LLSZ.

Figure 3-25[1] is a potentiometric surface map of the LLSZ based on water levels measured October 1999 in wells completed in the LLSZ. Groundwater flow in the LLSZ is generally toward the south-southwest. Local variations in the hydraulic gradient and groundwater flow direction are potentially the result of changes in hydraulic conductivity or thickness of the formation. No aquifer tests have been performed in the LLSZ in the CG038 area; however, based on the similarity of LLSZ and LSZ lithologies and gradients, groundwater flow rates are likely to be similar. The LSZ and the LLSZ are the same aquifer, which has been subdivided for modeling purposes only (Scott Bowen, personal communication, February 2000).

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SECTION 4.0

Contaminant Characterization

4.1 Soil and Source Characterization

The following sections present summary reviews of the soil contaminants identified at each of the nine SWMUs and one AOC (**Figure 4-1**[1]) during several phases of investigation. The intent of this review is to identify potential source areas for the groundwater contamination in CG038 by relating soil contaminants at individual sites to the groundwater contaminants. It is important to note that in 1999, No Further Response Action Planned (NFRAP) documents were prepared by Tinker AFB for soils at the following sites: FTA 1, RWDS 1022E, RWDS 1030W, and RWDS 62598. Groundwater continues to be evaluated separately under this RFI.

The following sections describe the types of materials that were disposed or managed at the SWMUs, AOC, and previously unidentified potential sites as well as the contaminants that have been detected in the soils and unsaturated zone above groundwater. This information is presented to help establish a correlation between potential sources and groundwater contaminant plumes.

To define areas of potential contamination, the sites were evaluated during the Phase II RFI (IT Corp., April 1999) by comparing analytical data (both organics and inorganics) from surface and subsurface soils to generic soil-screening levels (SSL) developed by the EPA (May 1996) and to site-specific background upper tolerance limits (UTLs) for inorganics. The SSLs are presented separately for major pathways of concern in both surface and subsurface soil. The background values were determined to be the 95-percent UTLs established in the Basewide Background Screening Levels Inorganics Report (IT Corp., May 1999). The UTL values are presented in **Table 4-1**. In the Phase II RFI report, the soil data were divided into surface and subsurface results and were compared to appropriate SSLs. Constituents with concentrations exceeding the SSLs indicated the potential presence of contamination.

4.1.1 Landfill 1

Landfill 1 was used primarily for the disposal of all solid and liquid general refuse generated at Tinker AFB from 1942 through 1945. The landfill also received industrial waste solids and may have received waste solids from the domestic waste treatment plant. Boring samples taken at the site revealed the presence of mixed trash in the landfill trenches. The burned trash remnants found were composed primarily of wood, metal, paper, rubber, and plastic materials. The estimated quantity of waste placed in Landfill 1 is approximately 21,780 yd^3 (IT Corp., April 1999).

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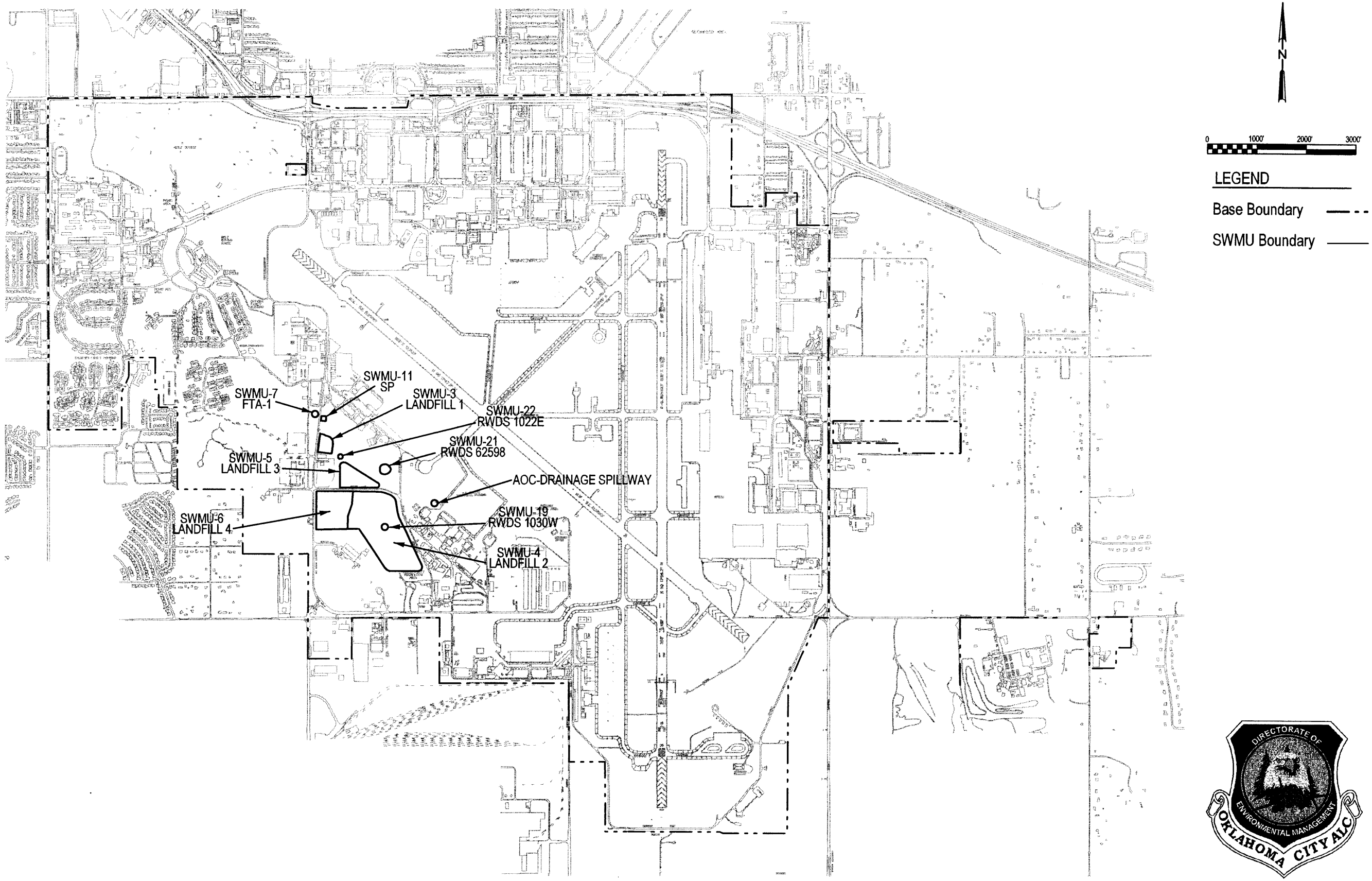

FIGURE 4-1
SWMU Location Map, Site CG038
Tinker AFB, Oklahoma

CH2MHILL

TABLE 4-1
Background Level 95 Percent Upper Tolerance Limits for Metals in Soils
RCRA Facility Investigation, IRP Site CG038

Metal	95% Upper Tolerance Limit (mg/kg)
Aluminum	27,804.85
Antimony	4.60
Arsenic	23.00
Barium	1770.57
Beryllium	1.36
Cadmium	0.85
Chromium	34.00
Chromium VI	0.16
Iron	20,471.53
Lead	26.05
Mercury	1.00
Nickel	37.03
Selenium	8.20
Silver	0.42
Zinc	51.89

During the course of the remedial investigations conducted by the USACE, two soil borings (L1-1 and L1-2) were drilled within the landfill trenches. **Table 4-2** contains the waste description and depth of occurrence for both borings (USACE, 1993).

The soil/waste samples were analyzed for VOC, SVOC, metals, cyanide, TOC, pH, conductivity, and pesticides. VOCs, SVOCs, and metals were detected in the soil samples collected.

TABLE 4-2
Waste Description at SWMU-3, Landfill 1
RCRA Facility Investigation, IRP Site CG038

Boring No.	Waste Description	Depth (feet)
L1-1	Greenish material, paper, scrap metal, wood, plastic	7.5-13.0
L1-2	Wood, paper, rubber hose, wire	8.0-16.0

Reference: USACE, RI Report, Landfill No. 1, October 1993.

At Landfill 1, the only VOCs and SVOCs detected in the soil samples were methylene chloride, acetone, and di-n-butylphthalate, and these were all at levels below their soil screening levels. The PCB Aroclor 1260 was detected in one soil boring sample at a concentration of 55 micrograms per kilogram (µg/kg), below the screening level of 1,000 µg/kg.

Soil analytical data show that six metals (beryllium, arsenic, lead, mercury, zinc, and cadmium) and two radiological constituents (K-40 and Th-234) were detected at concentrations exceeding SSLs and/or UTLs in surface soil samples at Landfill 1. These

constituents were detected in samples from around the perimeter of the landfill. Beryllium and arsenic were detected at concentrations exceeding only their SSLs but not their background UTLs. Therefore, their detected concentrations appear to be within the normal range of background concentration for these constituents and probably do not reflect surface soil contamination. Lead, mercury, zinc, and cadmium were detected at concentrations that exceeded their respective background UTLs but not their SSLs. Their exceeded background UTL concentrations may reflect surface soil contamination below levels of concern. Of the detected radiological parameters in surface soils at the landfill, K-40 is not regulated and the concentration of Th-234 is below the Nuclear Regulatory Commission regulatory criteria of 5.0 picocuries per gram (pCi/g) for surface soils.

Only metals were detected in subsurface soils at concentrations exceeding their respective SSLs and/or background UTLs. Barium, chromium, and selenium were detected in samples from around the perimeter of the landfill at concentrations exceeding both their SSLs and their UTLs. This may be an indication of potential subsurface soil contamination from these constituents. However, each of these metals occurs naturally in soils and their presence in concentrations exceeding UTLs may be the result of a naturally-occurring variation in soil conditions. Additionally, mercury was detected in samples from the outside perimeter of the landfill at a concentration exceeding its background UTL, indicating possible surface soil contamination from mercury (IT Corp., April 1999).

Groundwater was encountered within the landfill trenches during the drilling of the soil borings. The trench water was sampled to determine the quality of the HWBZ groundwater beneath the landfill. Groundwater within the landfill trenches was found to be contaminated through contact with the waste material disposed in the landfill.

In the Phase I RFI Report (IT Corp., September 1994), a preliminary comparison was performed of the contaminants detected in the Landfill 1 soils and shallow groundwater versus monitoring wells completed in the USZ and LSZ adjacent to the landfill. The comparison showed that a significant number of the contaminants detected in the USZ and LSZ wells were not detected within the landfill. The Phase I investigation (IT Corp., September 1994) did not detect trichloroethene in the landfill trench soil samples or in the trench water samples. However, only two soil borings were drilled and sampled during the Phase I investigation. Groundwater samples collected from the wells around the perimeter of Landfill 1 (monitoring wells 1B, 2A, and 9A) sporadically had detections of other organic contaminants, including trichloroethene, during groundwater sampling events from 1986-1992 (IT Corp., September 1994). This comparison suggests that the groundwater in the vicinity of the landfill may be impacted by sources other than Landfill 1, such as the Supernatant Pond.

4.1.2 Landfill 2

Landfill 2 was used primarily for disposal of general refuse generated at the Base, including sanitary and industrial refuse, along with unknown quantities of paints and solvents after the closure of Landfill 1 in 1945. Operations at Landfill 2 ceased in 1952. Boring samples taken at the site revealed the presence of mixed trash primarily consisting of wire, scrap wood and metal, plastic, and paper. Additionally, medical waste was observed in exposed trenches in the landfill before it was capped in 1998. One specific-use dump area was located in the northeast portion of the landfill. The composite waste sample from this area had a black sludge that changed to an asphalt-looking material as the depth increased. There was a strong, rotting smell associated with the sample (IT Corp., April 1999).

Small quantities of low-level radiological waste was placed in the trenches of RWDS 1030W, which was located in the central portion of Landfill 2. This site is inactive, and remediation efforts began in the spring of 1992. The quantity of waste placed in Landfill 2, other than associated with RWDS 1030W, was estimated to be approximately 603,387 yd^3.

During the course of the remedial investigations conducted by the USACE, 33 soil borings were drilled within the landfill trenches. In April 1990, 42 soil borings were drilled along the southwestern edge of Landfill 2 and the southern edge of Landfill 4. **Table 4-3** contains the waste description and depth of occurrence when waste was encountered for 16 of the 26 trench borings (USACE, 1993).

TABLE 4-3
Waste Description at SWMU–4, Landfill 2
RCRA Facility Investigation, IRP Site CG038

Boring No.	Waste Description	Depth (feet)
L2-1	Wire, scrap wood, burnt trash	7.0-14.5
L2-2	Wire, scrap wood, burnt trash, scrap metal	7.0-15.5
L2-3	Wire, scrap wood, scrap metal	9.0-15.5
L2-4	Wire, scrap wood, scrap metal, paper, slick moist black	2.0-15.5
L2-5	Wire, scrap wood, scrap metal, paper, plastic, computer cards	2.0-17.5
L2-6	Wire, scrap wood, paper, plastic	3.0-19.5
L2-7	Wire, scrap wood, scrap metal, paper, plastic, asphalt	2.0-16.0
L2-8	Scrap metal, paper, gravel, asphalt	2.0-13.0
L2-9	No trash encountered	---
L2-10	Wire, scrap wood, paper and plastic products	5.5-15.5
L2-11	Rock fragments, wood, charcoal, becomes black near base,	0.0-7.0
L2-11	Disturbed material as above, slight odor which increases with	7.0-13.0
L2-11	Black sludge changing to an asphalt-looking material from	13.0-18.0
L2-11-1	Trash (not defined)	5.0-11.5
L2-11-5	No trash or odor reported	---
L2-11-6	Sand, gravel, sludge, asphalt	5.5-12.0
L2-11-8	No trash or odor reported	---
L2-11-9	Sand, gravel, sludge, asphalt	7.5-12.0
L2-11-10	No trash or odor reported	---
L2-11-11	Trash (not defined)	10.0-11.0
L2-11-12	Slight chemical odor	4.0-11.0
L2-11-18	No trash or odor reported	---
L2-11-19	No trash or odor reported	---
L2-12	No trash or odor reported	---
L2-13	No trash or odor reported	---
L2-14	No trash or odor reported	---

Reference: U.S. Army Corps of Engineers (USACE), Draft Final RI Report, Landfills 1 through 4, October 1993.

At Landfill 2, six radionuclides, 17 SVOCs, 3 pesticides, and 12 metals were detected in the surface soils during the Phase II RFI (IT Corp., April 1999). VOCs, TPH, and PCBs were not detected in any of the surface soil samples. Of the six radiological parameters detected,

alpha radiation, beta radiation, and K-40 were each detected at concentrations exceeding their respective background UTLs. Seventeen SVOCs were detected in two of the surface soil samples. Five of the 17 compounds were detected at concentrations above their respective SSLs. The five compounds included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. All five constituents were detected in surface soil at the southwest corner of the landfill where, according to historical information, re-drumming of leaky drums took place. Each of the SVOC detections were in a single boring, indicating that the presence of SVOCs in soil at Landfill 2 is not widespread. (IT Corp., April 1999). Pesticides, the only other organic constituents detected in the surface soils at Landfill 2, were not detected at concentrations that exceeded their respective SSLs.

Twelve metals were detected in the surface soil samples at Landfill 2. Ten of the metals were detected at concentrations exceeding either their respective SSLs, UTLs, or both. Arsenic and beryllium were detected at concentrations exceeding their SSLs, although their background UTLs were not exceeded except for one beryllium detection. The single beryllium detection in a surface sample exceeded both the beryllium SSL and UTL, indicating potential contamination. Aluminum, cadmium, chromium, iron, lead, mercury, nickel, and zinc were detected in surface soils at Landfill 2 at concentrations exceeding their respective background UTLs, although not their SSLs. Iron and aluminum are widespread in nature and have no risk-based SSL criteria to compare with their detected concentrations. However, as these metals were detected at concentrations exceeding their background UTLs, potential metals contamination at the Landfill 2 site could be indicated.

During the Phase II investigation, 6 radiological constituents, 8 VOCs, 20 SVOCs, 6 pesticides, 3 PCB constituents, and 14 metals were detected in the subsurface soil samples. Of the six radiological parameters detected, total alpha radiation, K-40, radium (226), Ra-228, and Thorium (Th-234) were detected at concentrations exceeding their respective UTL background levels. The maximum activity concentrations of Ra-226 and Ra-228 were well below the NRC regulatory level of 15 pCi/g for subsurface soils. The concentrations of Th-234, which is regulated as a progeny of uranium-238, were detected below the regulatory level of 10 pCi/g for subsurface soils. Benzene was detected in one soil boring located in the northern portion of Landfill 2. The detected contaminants appeared to be both laterally and vertically isolated and are not indicative of widespread subsurface soil contamination. In addition to benzene, two SVOCs [benzo(a)anthracene and N-nitrosodiphenylamine] were detected at concentrations exceeding their respective SSLs in the north-central portion of the landfill and in the northern portion of the landfill, respectively. Three PCBs (Aroclor 1242, Aroclor 1248, and Aroclor 1254) were detected at concentrations exceeding their respective SSLs at the same sampling locations where benzene and the SVOCs were detected.

Of the 14 metals detected in the subsurface soils at Landfill 2 during the Phase II RFI, 10 were detected at concentrations exceeding their respective SSLs, background UTLs, or both. These metals are barium, beryllium, cadmium, chromium, iron, lead, mercury, nickel, silver and zinc. Based on the locations of the soil borings, potential subsurface soil contamination from metals appeared to be fairly widespread at the landfill site.

4.1.3 Landfill 3

Landfill 3 was used for the disposal of an estimated 180,000 yd^3 of general refuse generated by Tinker AFB from 1952 to 1961. Along with general refuse, industrial wastes such as paint

buckets, insecticide cans, and barrels were also deposited in the landfill. Two specific-use dump areas were located within the boundaries of Landfill 3.

- A sludge dump, located in the south-central area of the landfill, was in use from 1961 to 1968. The sludge dump contained waste oils and other liquids from industrial operations at Building 3001 and waste fuels and sludge from the POL Facility (USACE, 1989).
- An area reportedly containing lead-contaminated soils is located in the northern portion of the landfill (USACE, 1993). The suspected source of this contamination was not documented in the earlier Radian (1985a, 1985b) reports.

During the course of the remedial investigations by the USACE from 1986 to 1990, 24 soil borings were drilled within the boundary of the landfill, most at the site of the sludge dump. **Table 4-4** contains the waste description and depth of occurrence for each boring advanced into Landfill 3. Waste materials were encountered in 23 of the 24 borings.

The soil/waste samples collected were analyzed for various parameters, but the samples were not all analyzed for the same array of chemical parameters. The following analytes were among the parameters tested: VOCs, SVOCs, TPH, pesticides, total metals, TOC, cyanide, pH, conductivity, phenols, EP toxicity metals, and PCBs. VOCs, SVOCs, metals, radionuclides, and PCBs were detected in Landfill 3 soils.

During the RI investigations conducted at Landfill 3, VOCs, SVOCs, PCBs, and metals were detected in the subsurface samples. Of the VOCs detected, 7 were detected at concentrations exceeding their respective SSLs. They included chlorobenzene, trans-1,2dichloroethene, ethyl benzene, methylene chloride, tetrachloroethane, toluene, and trichloroethene. Four out of nine SVOCs were detected at concentrations exceeding their respective SSLs, including 1,2-dichlorobenzene, 4-dichlorobenzene, 2,4-dimethylphenol, and 1,2,4-trichlorobenzene. One PCB constituent, Aroclor 1254, was detected above its SSL. Six metals were detected at concentrations exceeding SSLs and/or background UTL concentrations. The metals included cadmium, chromium, lead, nickel, silver, and zinc. Organic constituents tended to be detected at their highest concentrations in the south central portion of Landfill 3, in the vicinity of the former sludge dump.

In the sludge dump area described above, one boring drilled in 1987 encountered an "organic layer" 10 to 12 inches thick floating on top of the groundwater. A sample of this product was analyzed and determined to most closely resemble JP-4, although it contained other hydrocarbons as well. Organic compounds with the highest concentrations detected in soil samples from the sludge pit area were trichloroethene (3 million µg/kg), tetrachloroethene (430,000 µg/kg), trans-1,2-dichlorothene (370,000 µg/kg), 1,2-dichlorobenzene (210,000 µg/kg), toluene (170,000 µg/kg), and bis(2-ethylhexyl)phthalate (120,000 µg/kg). The concentrations of organic contaminants were significantly higher at the sludge dump than the other areas of investigation at Landfill 3 (IT Corp., September 1994). Based on solubilities, these high concentrations of contaminants suggest a potential for the presence of dense, non-aqueous phase liquids (DNAPLs) in the subsurface.

Some of the boreholes were equipped so that leachate and groundwater samples could be collected for analysis (USACE, 1993). Water samples were extracted from the trench water (HWBZ), the perched groundwater (USZ), and the top of regional groundwater (LSZ). The trench water samples were found to be highly contaminated. Contaminant concentrations in groundwater from monitoring wells screened in the HWBZ outside of landfill trenches, as

well as the USZ and the LSZ, were several orders of magnitude below those found in the trench water samples.

TABLE 4-4
Waste Description at SWMU-5, Landfill 3
RCRA Facility Investigation, IRP Site CG038

Boring No.	Waste Description	Depth (feet)
L3-1	Oily sludge, paper, plastic, rope	3.5-17.0
L3-2	Asphalt, cement, paper, plastic, black material	0.5-10.9
L3-2-1	Asphalt, black sludge mixed with clay	0.5-12.0
L3-2-2	Asphalt, black sludge mixed with clay	3.0-12.0
L3-2-3	Asphalt, brown clay (waste), solvent odor	2.0-11.0
L3-2-4	Asphalt, sludge, solvent odor	0.5-14.0
L3-2-5	Asphalt, solvent odor	1.0-14.0
L3-2-6	Asphalt, solvent odor	0.5-14.0
L3-2-7	Black sludge, hydrocarbon odor	9.0-14.0
L3-2-8	Asphalt, sludge, hydrocarbon odor	0.5-13.0
L3-2-9	Organic odor	2.5-13.0
L3-2-10	Asphalt, brown sludge, solvent odor	0.0-9.0
L3-2-11	Asphalt, sludge, solvent odor	1.0-13.0
L3-2-12	Asphalt, clay with brown streaks, solvent odor	1.0-7.0
L3-2-13	Asphalt, brown clay with solvent odor	1.0-9.0
L3-2-14	Asphalt	0.5-3.0
L3-3	Cement, asphalt, paper, glass, wire, black clayey material	4.5-18.0
L3-4	Oily black sludge, asphalt, concrete, burned trash, wire, unburned trash	2.0-18.0
L3-5	Paper, plastic, scrap metal, metal shavings, wire, black material	4.0-10.0
L3-7	Paper, plastic, scrap metal, metal shavings, wire, black material	4.0-10.0
L3-8	Wire, cable	0.0-5.5
L3-9	Asphalt, trash	0.0-12.5
L3-10	Asphalt	0.0-4.0
L3-11	Asphalt	2.0-3.0

Reference: USACE, October 1993

At Landfill 3, 6 radiological constituents, 12 metals, 1 pesticide, and 1 PCB constituent have been detected in the surface soils during several phases of investigation (IT Corp., April 1999). VOCs, SVOCs, and total petroleum hydrocarbon were not detected in any of the surface soil samples. Of the six radionuclides detected, Th-234 was detected in two samples at concentrations exceeding the background UTL of 1.99 pCi/g. The detected pesticide and PCB compounds were 4-4'-dichlorodiphenyltrichloroethane (DDT) and Aroclor 1260,

respectively. Neither of these compounds were present at concentrations exceeding their screening criteria.

During the Phase II RFI, 12 metals were detected in the surface soil samples. Four of the metals (cadmium, chromium, lead, and mercury) were detected at concentrations exceeding their respective background UTLs, but below the SSLs (IT Corp., April 1999). Only metals and radionuclides were detected in the subsurface samples. None of the radionuclides exceeded their respective background UTL concentrations. Barium, beryllium, iron, lead, nickel and selenium were detected at concentrations exceeding their respective SSLs or UTLs or both. Metals at concentrations exceeding their screening levels were detected in all of the subsurface soils analyzed for metals during the previous investigations. No other constituents were detected at concentrations above screening values in any of the subsurface soil samples collected during the Phase II RFI.

Investigations conducted at Landfills 2 and 4, immediately south of Landfill 3, do not indicate the presence of VOCs or SVOCs in soils at the northern boundary of these landfills, adjacent to the former sludge dump area at Landfill 3.

Evaluation of analytical data indicates that potential contamination in the form of Th-234 and metals is present in the soils outside of the perimeter of the site. Historical data have indicated the presence of organic constituents and metals in the interior of the landfill. The detection of organic constituents during the earlier RI investigations in the south central region of the landfill correlates with the historic use of this area, which included disposal of petroleum hydrocarbon waste.

4.1.4 Landfill 4

Landfill 4 was used for the disposal of an estimated 320,000 yd^3 of waste generated at Tinker AFB from 1961 to 1968. The landfill was used primarily for disposing general refuse, but drummed materials of solidified solvents and metal shavings were also disposed in the landfill area. One specific-use sludge dump was located in the central portion of the landfill. This area was used for land-farming of sludges taken from the bottom of petroleum and solvent storage tanks. The sludges were spread on top of the landfill and periodically disked to aerate the soil/sludge mixture to promote biodegradation.

In 1987, six borings were drilled by the USACE into the former landfill trenches. **Table 4-5** presents the waste description and depth of occurrence for each boring advanced into the landfill. Waste materials were encountered in all six of the 1987 borings revealing a mixed layer of trash just under the landfill surface composed primarily of wood, metal, paper, rubber, plastic, asphalt, and cement. Gauze bandages were also found in the trench waste material. Prior to being capped in 1998, medical waste such as syringes, etc., were observed at the surface of the landfill. This may indicate that Landfill 4 received waste from the on-Base hospital.

TABLE 4-5
Waste Description at SWMU-6, Landfill 4
RCRA Facility Investigation, IRP Site CG038

Boring No.	Waste Description	Depth (feet)
L4-1	Refuse, paper, plastic, rags, wire, glass	2.0-18.0
L4-2	Refuse, black material	6.0-16.5
L4-3	Refuse, black material	8.0-16.5

TABLE 4-5 (CONT.)
Waste Description at SWMU-6, Landfill 4
RCRA Facility Investigation, IRP Site CG038

Boring No.	Waste Description	Depth (feet)
L4-4	Refuse, paper, rags, scrap wood	6.0-23.0
L4-5	Refuse, paper, glass, ceramic shards	5.0-16.0
L4-6	Refuse, paper, plastic, wire, metal scraps, rubber hose	4.0-24.5

Reference: USACE, October 1993.

From the six borings described above, two surface and six subsurface soil samples were collected and analyzed for VOCs, SVOCs, metals, pesticides, PCBs, and parameters such as TOC, cyanide, pH, conductivity, and phenols. VOCs, SVOCs, and metals were detected in landfill soils.

Groundwater was encountered within the landfill trenches during the 1987 soil investigations. The trench water was sampled to determine the quality of the trapped water within the trenches. Groundwater samples collected from borings installed in the trench locations indicated the presence of VOCs, SVOCs, and metals at concentrations exceeding MCL or secondary maximum contaminant levels (SMCL). Radionuclides were also detected in groundwater, although MCLs/SMCLs are not established for radionuclides in groundwater.

During an investigation in 1990 to define the southern boundary of Landfills 2 and 4, seven additional borings were drilled at the southern periphery of Landfill 4. In the surface soils at Landfill 4, one SVOC (benzo[a]pyrene) and four metals (cadmium, chromium, iron, and lead) were reported at concentrations exceeding the SSLs (IT Corp., April 1999). Five detected radiological parameters (alpha and beta radiation, and radium [Ra]-226, Ra-228, and Th-234) exceeded the 95 percent UTL for background concentrations. Pesticides and PCB were rarely detected in surface soils and never exceeded screening levels.

During the Phase I RFI (IT Corp., September 1994), two VOCs (acetone and methylene chloride) and three SVOCs (benzo[a]anthracene, benzo[b]fluoranthene, and N-nitrosodiphenylamine) were detected in subsurface soils at concentrations exceeding the SSLs. Radionuclides were detected in the subsurface soils during the Phase II RFI, while these parameters were not tested for in Phase I samples. The detected radionuclide concentrations were compared to their corresponding 95 percent UTL background concentrations. The comparison indicated that there was only one occurrence each of Ra-226, Ra-228, and Th-234 exceeding the 95 percent UTL in the subsurface soil samples. No pesticides or PCBs exceeded screening criteria. Of the 15 detected metals, cadmium, mercury, chromium, nickel, barium, arsenic, lead, and silver exceed SSLs/UTLs.

Investigations at Landfill 4 have indicated the presence of radionuclides in the soils and the groundwater. Groundwater appears to be contaminated with a similar suite of metals and radionuclides as found in the soils.

VOCs and SVOCs were also present in some soil samples. Surface soils exhibited less impact from VOCs, SVOCs, and metals than in the subsurface. No pesticides or PCB compounds were detected at concentrations exceeding the screening levels in either surface or subsurface soils.

4.1.5 Fire Training Area 1

FTA 1 was an unlined, diked circular-shaped area with a diameter of about 125 feet. Fire-fighting exercises consisted of dousing an old aircraft with flammable liquids, igniting a fire, and extinguishing the fire. Excess liquids were allowed to percolate into the soil.

Sampling results from several phases of investigation indicated that some contamination had occurred at this site. Soil contamination was found to be greatest in the upper 15 feet at the site. The primary organic compound detected in soil samples was bis(2-ethylhexyl)phthalate. This compound was reported present in samples from borings within the training area and in samples from borings located as far as 100 feet outside the designated training area. This compound is a commonly-used plasticizer and also a common laboratory contaminant artifact. At the elevated concentrations found, the compound's presence was postulated in the report to be the result of burning aircraft.

During early investigations, three organic compounds [acetone, methylene chloride, and -bis(2-ethylhexyl)phthalate] were detected in the surface soil samples. Acetone was detected at concentrations ranging from 13 µg/kg to 60 µg/kg. Methylene chloride was detected in concentrations ranging from 6 to 29 µg/kg. Bis(2-ethylhexyl)phthalate was detected in concentrations ranging from 550 to 11,000 µg/kg. None of the organic compounds detected were present in concentrations that exceeded the respective SSL values. Of the ten metals detected in the surface soil, six were present in concentrations that exceeded their respective SSL or UTL (IT Corp., April 1999).

During the Phase II RFI, no VOCs or SVOCs were detected in the surface soil. Total petroleum hydrocarbon (TPH) was detected in two samples, one of which exceeded the State of Oklahoma action level of 50,000 µg/kg for underground storage tank sites. None of the ten metals detected in the surface soil exceeded their respective background levels, and only two, arsenic and beryllium, exceeded their respective SSL values.

Surface soil data indicate no signs of contamination except for TPH contamination at one sampling location. No other detected compounds (organic and inorganic) in surface soils during the Phase II investigation were detected at concentrations that exceeded both their SSL and UTL. During the previous investigations, methylene chloride was the only organic compound detected in concentrations exceeding the SSL. Methylene chloride is often used in propellants and may have been present in materials used to extinguish fires at the FTA 1 site, but this has not been confirmed from site records. The data to date show no evidence of methylene chloride migration to groundwater (IT Corp., April 1999).

During early investigations, five organic compounds [acetone, ethyl benzene, methylene chloride, bis(2-ethylhexyl)phthalate, and trans-1,2-dichloroethene] were detected in subsurface soil samples. Of the five detected organic compounds, the methylene chloride concentration exceeded the SSL value of 20 µg/kg. The other four compounds were detected at concentrations less than the SSLs. None of the nine metals detected in the subsurface soils exceeded their respective SSLs; only two of the metals, cadmium and silver, exceeded their respective background UTL concentrations.

During the Phase II RFI, no organic compounds were detected in the subsurface soils. None of the eight metals detected in the subsurface soils exceeded their respective background UTL or SSL values.

4.1.6 Supernatant Pond

The former SP, which covered an area of approximately 6,400 ft^2, was used for impounding sewage effluent and for disposal of miscellaneous liquid wastes such as petroleum hydrocarbon sludges, solvents, and cyanide-contaminated liquids generated from base operations. The exact quantities and compositions of the liquid wastes disposed at the SP are not known. Disposal of liquid wastes in the pond ceased in 1980. After 1980, soil fill was placed in the depression left after liquids in the pond had evaporated. The soil fill underwent significant settlement and was unable to support the growth of vegetation. Additional fill (construction rubble) was placed on the site and covered with a layer of soil.

The site was stabilized in November 1992 using soil stabilization/solidification technology. Construction debris and rubble that extended from the surface to a depth of 4 feet (approximately 260 yd^3) was excavated and disposed off-site at a landfill. The underlying contaminated soils were excavated to a depth of 8 feet below original ground surface, stabilized with a mixture of cement and flyash, replaced and compacted in the excavation, and covered with clean fill soils. The site currently appears as a level, grass-covered area of approximately 25,000 ft^2. Subsurface soil and the USZ groundwater are contaminated with organic compounds and heavy metals (IT Corp., March 1995).

An RI conducted by the USACE (USACE, 1991a) concluded that soil contamination extended to a depth of 4 to 7 feet within the boundaries of the SP. The subsurface soil analytical data indicated that five VOCs, four SVOCs, PCB, nine metals, cyanide, and TPH were detected in the soils at the Supernatant Pond site. Only two of the organic compounds detected in the subsurface soils, methylene chloride and TPH, were detected at concentrations that indicated potential site contamination. However, methylene chloride was also detected in the corresponding laboratory blanks. This indicates possible laboratory contamination of the samples. TPH was detected in three surface samples. All three concentrations exceeded the State of Oklahoma total petroleum hydrocarbon action level of 50,000 µg/kg (50 mg/kg) for underground storage tank sites.

The nine metals detected in the subsurface soil samples were arsenic, barium, cadmium, chromium, lead, nickel, selenium, silver, and zinc. Cadmium, chromium, and lead were detected at concentrations exceeding both their respective SSLs and their respective UTLs. Additionally, chromium, silver, and zinc were detected at concentrations that did not exceed their respective SSLs but did exceed their UTL background concentrations.

No VOCs, SVOCs, pesticides, or PCBs were detected in the subsurface soil samples from the Phase II RFI (IT Corp., April 1999). Ten metals were detected in the subsurface. Of the ten metals, only barium exceeded either of its background UTLs or SSLs. The barium concentration in this sample was 2,400 mg/kg.

At the Supernatant Pond, SVOCs, pesticides, PCBs, and metals were detected in surface soils during the Phase II RFI (IT Corp., April 1999). There were no detectable VOCs or cyanide in the surface soils. Five SVOCs were detected at concentrations exceeding their respective SSLs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene.

Pesticide and PCB compounds that were detected included 4-4'-dichlorodiphenyl-dichloroethene (DDE); 4-4'- DDT; chlordane; and Aroclor 1260. 4-4'-DDE was detected in two samples. All detected pesticide/PCB concentrations were below their respective SSLs,

indicating that there does not appear to be potential contamination from pesticide and PCB constituents at the site (chemical not present above levels of concern).

Twelve metals were detected among the surface soil samples collected at the Supernatant Pond site: aluminum, arsenic, barium, beryllium, cadmium, chromium, iron, lead, mercury, nickel, selenium, and zinc. Arsenic and beryllium were detected at concentrations exceeding their SSLs but not their UTLs. Since arsenic and beryllium concentrations did not exceed background levels, they are not indicative of site contamination. Cadmium, lead, and zinc were detected in surface samples at concentrations that did not exceed their respective SSLs but did exceed UTLs. Possible site contamination could be indicated by the metal concentrations that exceed background levels as determined by the upper tolerance limits.

4.1.7 Radioactive Waste Disposal Site 1030W

RWDS 1030W is located within Landfill 2. According to records, the site was used for burning and burying radium paint residues, including rags and solvents. The waste was dumped in a pit, burned, and then covered with soil.

Non-intrusive radiation surveys were conducted at the site in 1990 (Chem-Nuclear, 1990). Results of these surveys indicated the potential for isolated pockets of contamination and buried objects within the upper 2 to 4 feet (IT Corp., September 1994). After the survey, the Air Force prepared a removal action work plan to remove the contaminated soils.

The RWDS 1030W removal action in 1992 by CDM (CDM, August 1993)consisted of three different methods of excavation: point source excavation, orphan spot excavation, and lift excavation. Point source excavation was performed in areas where radiation levels in excess of 100 μR/hr were identified by a surface geophysical survey conducted by the Air Force in 1990 and by a metal detector and radiation instrument survey conducted on June 1, 1992. Excavation of these areas was conducted by hand to quickly determine and eliminate the source of these elevated readings and minimize the amount of waste generated. Orphan spot excavation was conducted in 15 areas outside of lift excavation areas in which surface readings exceeding 20 μR/hr were recorded during the 1990 survey. A lift of uniform depth was excavated over the entire area.

Four of the five locations identified by Chem-Nuclear as having the potential for contamination within the RWDS 1030W site were remediated. A radiological survey, performed after backfill operations were completed, indicated that no elevated radiation levels remained at ground surface throughout the site. Approximately 920 yd^3 of excavated materials were containerized in 253 B-25 boxes and disposed by Tinker AFB.

The Phase I RFI (IT Corp., 1994)did not include additional soil sampling at the site but reported on the results of previous investigations and removal action. During the Phase II RFI (IT Corp., 1999), additional soil samples were collected and analyzed for VOCs, SVOCs, metals, pesticides/PCBs, and radionuclides. However, samples collected during the previous investigations were analyzed for radionuclides only (IT Corp., April 1999).

Six radiological parameters were detected in the soil samples from the Phase II RFI, including: alpha and beta (total), K-40, Ra-226, Ra-228, and Th-234 (IT Corp., April 1999). Four pesticides and two PCBs were detected at various concentrations in four surface soil samples. Several metals were also detected in the soil samples. However, no pesticides, PCBs, or metals were detected above the screening levels in any of the surface soil samples.

No VOCs or SVOCS were detected at concentrations above their laboratory quantitation limit (LQL).

Subsurface soil samples from three borings contained Ra-226, at concentrations above the 95th-percentile UTL background levels. Total alpha was detected above the screening level in samples from three borings. Total beta, at a concentration above background, was found in only one soil sample. In addition, six metals were detected at concentrations above the screening levels in one soil sample from one boring. The detected metals included barium, cadmium, chromium, iron, lead, and nickel. Toluene was the only VOC detected in the subsurface samples collected from the site. However, none of the concentrations were above the screening levels in any of the subsurface soil samples. No SVOCs or pesticides/PCBs were detected at concentrations above their LQL (IT Corp., April 1999).

Under the Phase II RFI program, IT completed the removal action at RWDS 1030W site, which lies within the boundaries of Landfill 2. Then in 1997-1998 a RCRA cap was constructed over Landfill 2/RWDS 1030W.

4.1.8 RWDS 62598

During the Phase II RFI, only radiological constituents and metals were detected in surface soil samples from RWDS 62598. Total alpha, total beta, and Ra-228 exceeded the 95th-percentile UTL background concentration levels for surface soils. Cadmium and lead were detected at concentration levels exceeding their respective UTLs, although their SSLs were not exceeded. Arsenic was detected at a concentration level exceeding its SSL but not its UTL. No other metals exhibited concentration levels exceeding the generic SSLs and/or the 95th-percentile UTL background-concentration screening levels.

During the Phase II RFI radionuclides, VOCs, and metals were detected in the subsurface soil samples. Only one radionuclide constituent, total beta, exceeded its 95th-percentile UTL background activity concentration level. Mercury was the only metal reported at a concentration level exceeding both its 95th-percentile UTL and its SSL. Arsenic, barium, chromium, nickel, and selenium were detected at concentration levels exceeding their respective SSLs but not their UTLs. Acetone and toluene were the only VOCs detected exceeding their LQLs in the subsurface soil samples. No other VOCs, SVOCs, pesticides, or PCBs were detected in the RWDS 62598 subsurface soil samples at concentration levels exceeding their LQLs.

4.1.9 Radioactive Waste Disposal Site 1022E

The IRP Phase I records search report (ES, 1982) stated that eight to ten containers of radioactive material from Building 230 were buried 30 feet deep at RWDS 1022E. Other reports have indicated that this material probably consisted of boxes of vacuum tubes, each containing 1 mCi of Ra-226. The contaminant of concern for RWDS 1022E is therefore Ra-226.

Groundwater samples taken in 1986 from MW-2B (completed in the HWBZ) in the vicinity of RWDS 1022E had no detectable Ra-226/228 levels. The gross alpha was 4.38 + 2.65 pCi/L (the MCL for gross alpha activity is 15 pCi/L). The gross beta activity from MW-2B was 4.06 + 1.48 pCi/L, which is consistent with background for the Base (IT Corp., September 1994).

Soil removal activities were conducted in July 1991 in order to investigate anomalies identified during the geophysical surveys conducted by Chem-Nuclear in 1990. The

anomalies were reported to be foil blankets found at various depths of the excavation. Three small, radioactive objects were discovered within the same stratigraphic layer as the foil blankets. These objects were removed from the site and turned over to Tinker AFB for proper disposal.

The Phase I RFI indicated that soils contaminated by organic chemicals were encountered at the site. It was reported that the soils had a "solvent odor" and that samples were sent to the laboratory for analysis, but the exact contaminants were not specified. The contaminated soils removed from the excavation were containerized and disposed through the Defense Reutilization and Marketing Office (DRMO) at Tinker AFB. The weight of soils disposed off-site was 9,820 pounds. Following completion of the excavations, the site was cleared by Armstrong Laboratory (an Air Force-affiliated laboratory based at Brooks AFB) personnel, who conducted a confirmatory survey of the excavations and the stockpiles, finding no readings above background.

Based on the foregoing findings, it was concluded that no radioactive waste or contamination currently exists at RWDS 1022E. A closure report was issued in January 1992 (CDM, 1992).

The Phase I RFI report (IT, September 1994) states that after the 1991 soil removal action was completed for RWDS 1022E, part of the site was covered by the cap from the adjacent Landfill 3. However, the description given in the Phase II RFI report (IT Corp., April 1999) states that RWDS 1022E is northwest of Landfill 3 and is located directly adjacent to the northwest corner of Landfill 3. "The site is covered with grass and lies on the boundary of a depression created for the construction of Building 1022."

As part of the Phase II RFI for Landfill 3, surface soil samples were collected from the RWDS 1022E area and analyzed for the following parameters: VOCs, SVOCs, TPH, metals, pesticides/PCBs, and radionuclides (IT Corp., April 1999). No VOCs or SVOCs were detected in any of the samples. Of the target parameters listed above, some radionuclides, pesticides/PCBs, and metals were detected. Th-234 was the only radionuclide detected at concentrations above background. None of the pesticides/PCBs exceeded screening levels. Of the metals, only iron and selenium (found in only one sample) were detected at concentrations exceeding the screening levels.

4.1.10 AOC Drainage Spillway

No contaminants were detected in shallow soils or surface water samples collected as part of the Phase I RFI (IT Corp., September 1994), so no follow-on investigations were conducted at this site during the Phase II RFI (IT Corp., April 1999).

4.1.11 Drum Storage Area

A recent review of the 1954 "Basic Layout Map" (M-1058) of Tinker AFB identified the possible existence of a Drum Storage Area east of Landfill 2 and south of the AOC Drainage Spillway. Although the Drum Storage Area has not been specifically identified as an AOC or SWMU, there is a possibility that this area could contribute to the source of groundwater contamination in the 2E plume. To date, no soils evaluation has been conducted in this area.

4.2 Groundwater Characterization

Between 1995 and 1998, IT Corp. reported groundwater contamination within the study area as part of the basewide Groundwater Phase II RFI. This section summarizes analytical data for groundwater sampling events in the HWBZ, USZ, LSZ, and LLSZ conducted from October through December 1998 and samples from the USZ collected from September through November 1999. **Tables 4-6** and **4-7** summarize wells sampled within CG038 and the analytical methods utilized, respectively. Additionally, data collected off-site from the Tinker View Acres (TVA) Subdivision is discussed. During 2001, Tinker AFB installed and sampled seven monitoring wells and ODEQ sampled 43 private water supply wells (which provide water to 45 homes) within TVA. Results of this sampling effort are summarized in **Table A.45** in **Appendix A**. Up until 2001, the TVA was not included within the CG038 boundary. Upon collection of groundwater data from the subdivision, the boundary was expanded to include the TVA. On-base groundwater data collected during 2000-2001 (including two new wells installed in 2001) are discussed in order to help illustrate the extent of off-site migration of contaminants.

In some of the following sections, particularly those discussing contaminants of potential concern (COPCs) in the USZ, analytical data from previous basewide sampling events are referenced, including 1995 (Phase II RFI), 1996 (Phase II RFI, Addendum 1), and 1997 (Phase II RFI, Addendum 2). Based on these data, any relevant changes to IT's interpretation of the nature and extent of contamination in each of the four groundwater zones is also presented.

The groundwater characterization discussion is presented in separate sections based on the subunits discussed previously (primarily 2D and 2E as well as 2A and 2C). Each subunit section includes separate discussions concerning the HWBZ, USZ, LSZ, and LLSZ.

Appendix A contains tabulated laboratory results of sampling groundwater from 1995 to 1999 for all of the CG038 area as well as results of groundwater sampling in 2001 at the monitoring wells and private wells in the TVA. In addition, a CD-ROM of groundwater monitoring data collected during 2000-2001 for the entire CG038 area is included. **Appendix B** contains monitoring well completion information for wells located in CG038.

4.2.1 Chemicals of Potential Concern

The COPCs in Site CG038 groundwater were selected by evaluating data from the basewide groundwater sampling event conducted October through December 1998, which was also reported in the 1998 Basewide Sampling Report (IT Corp., February 2000). The 1998 data were evaluated and compared to EPA drinking water maximum contaminant limits (MCLs), which have not been developed for each analyte measured. **Table 4-8** lists those standards that are available. Some of the constituents identified as COPCs as a result of past investigations and 1998 data values that exceeded MCLs, were selected as COPCs for this RFI report.

The primary organic COPCs are TCE, cis-1, 2-DCE, 1, 2-DCA, and vinyl chloride. The sources of these chlorinated solvent compounds, TCE in particular, are likely the landfill areas and the former sludge pits within them as well as the drum storage/re-drumming area.

Another source of the non-TCE compounds could be degradation of these compounds, which occurs through a sequential dehalogenation process. During this process, carbon-chlorine chemical bonds are broken, producing nearly quantitative conversions of other

chlorinated hydrocarbon ethenes with subsequently fewer chlorine atoms. TCE degrades into one of the DCE isomers, then to vinyl chloride, and finally, if conditions are appropriate, to a relatively volatile ethene and/or carbon dioxide gas. Cis-1,2-DCE is the principal breakdown product of TCE.

Trans-1, 2-DCE and 1,1-DCE, while present, are not contaminants of concern at CG038. These are minor breakdown products of TCE. The presence of vinyl chloride implies that the parent compounds have had a considerable residence time in groundwater that is being evaluated; the first order rate of vinyl chloride production from DCE (including cis and trans) has been reported to be as low as 1.8/yr, equivalent to a half life of 144 days. The degradation of TCE to cis-1, 2-DCE and then to vinyl chloride is evident in some of the contaminant trend analyses presented in the following sections.

The primary inorganic COPCs are arsenic, chromium, and nickel. Neither arsenic nor nickel were detected in any of the landfills or other potential source areas within the CG038 study area. Moderately elevated levels of arsenic have been reported in the Garber-Wellington groundwater in Oklahoma (USGS, 1991). The source of this constituent could be arsenic-containing minerals; another possible source could be lead arsenate compounds used by farmers as defoliants and pesticides in the earlier part of the 20th century. This has been proposed as a possible source of elevated arsenic found in soil and shallow groundwater in many former agricultural areas of the nation (USGS, 1991).

The landfills could be the source of chromium and nickel; moderately elevated levels were detected in some soil samples collected from the "source" areas. However, the variability in the concentrations and distribution of chromium and nickel in groundwater within all four saturated zones of the study area and across the entire base has prompted Tinker AFB to consider stainless steel well screen corrosion as a possible source. This has been a fairly commonplace occurrence at hazardous waste sites characterized by ephemeral and/or naturally high electrolyte groundwater systems. IT Corporation is presently completing a study for Tinker AFB to assess whether nickel and chromium are being leached from well screens by low-flow, time-series well purging and sampling. However, recent analysis of groundwater samples taken from monitor well 10A (USZ), which is located just south of Landfill 4, were positive for hexavalent chromium. This is thought to derive from the landfill.

TABLE 4-6
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
10B	HWBZ	2E	05 Nov-98		19-Oct-99
10E	HWBZ	2E	05 Nov 98		19-Oct-99
11C	HWBZ	2D	25 Nov 98		18 Oct 99
1B	HWBZ	2C	04 Nov 98		14 Oct-99
2-123B	HWBZ	2C	23 Nov 98		01-Oct-99
2-130B	HWBZ	2	27 Nov 98		25-Oct-99
2-131B	HWBZ	2E	11 Nov 98		02-Nov-99
2-133B	HWBZ	PERIMETER	30 Nov 98		28-Oct-99

TABLE 4-6 (CONTINUED)
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
2-147B	HWBZ	3	29 Sep98		
2BR	HWBZ	2D	04 Nov 98		13-Oct-99
43B	HWBZ	PERIMETER	07 Dec 98		11-Oct-99
45B	HWBZ	2E	03 Nov 98		25-Oct-99
46B	HWBZ	2E	03 Nov 98		28-Oct-99
2-129B	HWBZ	2E	06 Nov 98		20-Oct-99
47B	HWBZ	2	13 Nov 98		28-Oct-99
4BR	HWBZ	2	20 Nov 98		13-Oct-99
59C	HWBZ	2E	12 Nov 98		20-Oct-99
60A	HWBZ	2E	05 Nov 98		15-Oct-99
75A	HWBZ	2D	27 Nov 98		26-Oct-99
76C	HWBZ	2D	18 Nov 98		13-Oct-99
78C	HWBZ	2E	19 Nov 98		12-Oct-99
79A	HWBZ	2E	25 Nov 98		21-Oct-99
83A	HWBZ	2D	09 Nov 98		26-Oct-99
84A	HWBZ	2E	06 Nov 98		
85A	HWBZ	2C	23 Nov 98		04-Oct-99
86A	HWBZ	2E	20 Nov 98		12-Oct-99
10A	USZ	2E	05 Nov 98	06-Jul-99	19-Oct-99
11A	USZ	2D	25 Nov 98	02-Jul-99	18-Oct-99
1AR	USZ	2C	04 Nov 98		14-Oct-99
2-11	USZ	2C	23 Nov 98		04-Oct-99
2-122A	USZ	2C	30 Nov 98		04-Oct-99
2-123A	USZ	2C	23 Nov 98		01-Oct-99
2-124A	USZ	2	10 Nov 98	02-Jul-99	28-Sep-99
2-125A	USZ	2	09 Nov 98	07-Jul-99	27-Oct-99
2-126A	USZ	2E	05 Nov 98	06-Jul-99	15-Oct-99
2-127A	USZ	2E	03 Dec 98		18-Oct-99
2-128A	USZ	2E	25 Nov 98	06-Jul-99	27-Oct-99
2-129A	USZ	2E	06 Nov 98	06-Jul-99	20-Oct-99
2-130A	USZ	2	27 Nov 98		25-Oct-99
2-131A	USZ	2E	11 Nov 98		02-Nov-99
2-132A	USZ	2E	13 Nov 98	06-Jul-99	27-Oct-99
2-133A	USZ	Perimeter	30 Nov 98		28-Oct-99
2-136B	USZ	2A	23 Nov 98		14-Oct-99
2-142B	USZ	Intra-GWMU	16 Nov 98		07-Oct-99
2-19B	USZ	2C	20 Nov 98		01-Oct-99
2-20B	USZ	2C	20 Nov 98		01-Oct-99

TABLE 4-6 (CONTINUED)
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
2-214A	USZ	2E	03 Dec 98	06-Jul-99	15-Oct-99
2-287B	USZ	2	04 Dec 98		03-Nov-99
2-288B	USZ	2A	04 Dec 98		03-Nov-99
2-290B	USZ	2	09 Nov 98	02-Jul-99	18-Oct-99
2-291B	USZ	2	09 Nov 98	02-Jul-99	19-Oct-99
2-292B	USZ	2D	09 Nov 98	02-Jul-99	19-Oct-99
2-293B	USZ	2E	09 Nov 98	07-Jul	27-Oct-99
2-294B	USZ	2E	03 Nov 98	01-Jul-99	15-Oct-99
2-295B	USZ	2E	03 Nov 98	01-Jul-99	15-Oct-99
2-296B	USZ	2E	10 Nov 98	01-Jul-99	15-Oct-99
2-297B	USZ	2	03 Dec 98	06-Jul-99	25-Oct-99
2-298B	USZ	2	03 Dec 98		27-Oct-99
2-299B	USZ	2D	09 Nov 98	02-Jul-99	18-Oct-99
2-300B	USZ	2	04 Nov 98		12-Oct-99
2-304B	USZ	2D	09 Nov 98	02-Jul-99	26-Oct-99
2-310B	USZ	2	04 Dec 98		14-Oct-99
2-311B	USZ	2	04 Dec 98		14-Oct-99
2-333B	USZ	2E	27 Nov 98	01-Jul-99	12-Oct-99
2-334B	USZ	2E	13 Nov 98	01-Jul-99	12-Oct-99
2-335B	USZ	2E	13 Nov 98	01-Jul-99	15-Oct-99
2-393B	USZ	INTRA-GWMU	24 Nov 98		06-Oct-99
2AR	USZ	2D	04 Nov 98		13-Oct-99
3A	USZ	2	24 Nov 98		11-Oct-99
43AR	USZ	PERIMETER	07 Dec 98		11-Oct-99
45AR	USZ	2E	03 Nov 98	07-Jul-99	25-Oct-99
46AR	USZ	2E	03 Nov 98	07-Jul-99	28-Oct-99
47AR	USZ	PERIMETER	13 Nov 98	07-Jul-99	28-Oct-99
4AR	USZ	2	20 Nov 98		13-Oct-99
59B	USZ	2E	12 Nov 98		20-Oct-99
5AR	USZ	2E	04 Nov 98		12-Oct-99
5C	USZ	2E	04 Nov 98		12-Oct-99
61A	USZ	2C	20 Nov 98		01-Oct-99
62	USZ	2C	23 Nov 98		01-Oct-99
75B	USZ	2D	27 Nov 98	02-Jul-99	26-Oct-99
76A	USZ	2D	18 Nov 98	07-Jul-99	13-Oct-99
77A	USZ	2	24 Nov 98		11-Oct-99
78A	USZ	2E	20 Nov 98		12-Oct-99
79BR	USZ	2E	25 Nov 98	06-Jul-99	21-Oct-99

TABLE 4-6 (CONTINUED)
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
83BR	USZ	2D	09 Nov 98	02-Jul-99	26-Oct-99
84B	USZ	2E	06 Nov 98	06-Jul-99	21-Oct-99
85C	USZ	2C	23 Nov 98		04-Oct-99
86B	USZ	2E	20 Nov 98		12-Oct-99
9A	USZ	2C	04 Nov 98		14-Oct-99
EX-A01	USZ	2D	02 Dec 98		29-Oct-99
EX-A02	USZ	2D	02 Dec 98	02-Aug-99	29-Oct-99
EX-A03	USZ	2D	02 Dec 98		
EX-A04	USZ	2D	02 Dec 98		
EX-A05	USZ	2D	01 Dec 98	30-Jul-99	29-Oct-99
EX-A06	USZ	2E	01 Dec 98		29-Oct-99
EX-A07	USZ	2E	02 Dec 98	02-Aug-99	29-Oct-99
EX-A08	USZ	2E	01 Dec 98	30-Jul-99	01-Nov-99
EX-A09	USZ	2E	02 Dec 98	02-Aug-99	01-Nov-99
EX-A10	USZ	2E	01 Dec 98	30-Jul-99	01-Nov-99
EX-A11	USZ	2E	01 Dec 98		
EX-A12	USZ	2E	01 Dec 98	02-Aug-99	01-Nov-99
EX-B01	USZ	2D	02 Dec 98	30-Jul-99	29-Oct-99
EX-B02	USZ	2D	02 Dec 98	02-Aug-99	29-Oct-99
EX-B03	USZ	2D	02 Dec 98	30-Jul-99	29-Oct-99
EX-B04	USZ	2D	01 Dec 98	02-Aug-99	29-Oct-99
EX-B05	USZ	2E	02 Dec 98		01-Nov-99
EX-B06	USZ	2E	01 Dec 98	30-Jul-99	01-Nov-99
EX-B07	USZ	2E	01 Dec 98	02-Aug-99	
EX-B08	USZ	2E	01 Dec 98	02-Aug-99	01-Nov-99
10C	LSZ	2E	05 Nov 98		19-Oct-99
11B	LSZ	2D	25 Nov 98		18-Oct-99
1C	LSZ	2C	04 Nov 98		14-Oct-99
2-12	LSZ	2C	23 Nov 98		04-Oct-99
2-122C	LSZ	2C	30 Nov 98		04-Oct-99
2-123C	LSZ	2C	23 Nov 98		01-Oct-99
2-124C	LSZ	2	10 Nov 98		28-Sep-99
2-124D	LSZ	2	10 Nov 98		28-Sep-99
2-125C	LSZ	2	09 Nov 98		27-Oct-99
2-126C	LSZ	2E	05 Nov 98		15-Oct-99
2-127C	LSZ	2E	03 Dec 98		18-Oct-99
2-128C	LSZ	2E	25 Nov 98		27-Oct-99

TABLE 4-6 (CONTINUED)
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
2-129C	LSZ	2E	06 Nov 98		20-Oct-99
2-13	LSZ	2C	23 Nov 98		04-Oct-99
2-130C	LSZ	2	27 Nov 98		25-Oct-99
2-131C	LSZ	2E	11 Nov 98		02-Nov-99
2-132C	LSZ	2E	13 Nov 98		27-Oct-99
2-133C	LSZ	PERIMETER	30 Nov 98		28-Oct-99
2-136A	LSZ	2A	23 Nov 98		14-Oct-99
2-136C	LSZ	2A	23 Nov 98		14-Oct-99
2-142A	LSZ	INTRA-GWMU	16 Nov 98		07-Oct-99
2-147C	LSZ	3	29 Sep 98		
2-18	LSZ	2C	23 Nov 98		01-Oct-99
2-19A	LSZ	2C	20 Nov 98		01-Oct-99
2-20A	LSZ	2C	20 Nov 98		01-Oct-99
2-217C	LSZ	2E	03 Dec 98		15-Oct-99
2-22	LSZ	2C	23 Nov 98		04-Oct-99
2-287AR	LSZ	2	04 Dec 98		13-Oct-99
3B	LSZ	2	24 Nov 98		11-Oct-99
43C	LSZ	PERIMETER	07 Dec 98		11-Oct-99
45CR	LSZ	2E	03 Nov 98		25-Oct-99
45DR	LSZ	2E	03 Nov 98		25-Oct-99
46C	LSZ	2E	03 Nov 98		28-Oct-99
47C	LSZ	PERIMETER	13 Nov 98		28-Oct-99
4C	LSZ	2	20 Nov 98		13-Oct-99
59AR	LSZ	2E	12 Nov 98		20-Oct-99
5B	LSZ	2E	04 Nov 98		12-Oct-99
60C	LSZ	2E	05 Nov 98		15-Oct-99
61B	LSZ	2C	20 Nov 98		01-Oct-99
76B	LSZ	2D	18 Nov 98		13-Oct-99
76D	LSZ	2D	18 Nov 98		13-Oct-99
77C	LSZ	2	24 Nov 98		11-Oct-99
77D	LSZ	2	24 Nov 98		11-Oct-99
78B	LSZ	2E	20 Nov 98		12-Oct-99
79C	LSZ	2E	25 Nov 98		21-Oct-99

TABLE 4-6 (CONTINUED)
Wells Sampled within CG038
RCRA Facility Investigation, IRP Site CG038

Station ID	Aquifer Zone	GWMU	Sample Date		
			1998	Jul-Aug 99	Sep-Dec 99
83C	LSZ	2D	09 Nov 98		26-Oct-99
84C	LSZ	2E	06 Nov 98		21-Oct-99
85B	LSZ	2C	23 Nov 98		04-Oct-99
86C	LSZ	2E	20 Nov 98		12-Oct-99
9C	LSZ	2C	04 Nov 98		14-Oct-99
10D	LLSZ	2E	05 Nov 98		19-Oct-99
2-131D	LLSZ	2E	11 Nov 98		02-Nov-99
2-132D	LLSZ	2E	13 Nov 98		27-Oct-99
2-133D	LLSZ	PERIMETER	30 Nov 98		28-Oct-99
2-142C	LLSZ	INTRA-GWMU	16 Nov 98		07-Oct-99
2-147D	LLSZ	3	29 Sep 98		
43D	LLSZ	PERIMETER	07 Dec 98		11-Oct-99
46D	LLSZ	2E	03 Nov 98		28-Oct-99
47D	LLSZ	PERIMETER	13 Nov 98		28-Oct-99
59D	LLSZ	2E	12 Nov 98		20-Oct-99
60D	LLSZ	2E	05 Nov 98		15-Oct-99
79D	LLSZ	2E	25 Nov 98		21-Oct-99
84D	LLSZ	2E	06 Nov 98		21-Oct-99
85D	LLSZ	2C	23 Nov 98		04-Oct-99
WS-29	PROD	WATER SUPPLY	23 Sep 98		

TABLE 4-7
Analytical Methods
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter Group
8015M	Gasoline/Total Petroleum Hydrocarbons/Diesel-Range Organics
A406B	CO2
D1498	ORP
E120.1	Specific Conductivity
E150.1	PH
E160.1	Total Dissolved Solids
E170.1	Temperature
E180.1	Turbidity
E300	Nitrate/nitriet, chloride, sulfate
E310.1	Alkalinity as CaCO3
E360.1	Dissolved Oxygen
M110.3	Ferrous Iron

TABLE 4-7 (CONTINUED)
Analytical Methods
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter Group
SW3810	Methane, Ethane, Ethene
SW6010	Metals
SW7470	Mercury
SW8080	Pest/PCBs
SW8260	VOCs
SW8270	SVOCs
SW9060	Total Organic Carbon
SW9310	Flame Gross Alpha/Beta
SW9315	Radium-226, Activity
SW9320	Radium-228, Activity

TABLE 4-8
Maximum Contaminant Levels in Groundwater
RCRA Facility Investigation, IRP Site CG038

Contaminant	MCL	Units
Alachlor	2	µg/L
Aldicarb	7	µg/L
Aldicarb sulfone	7	µg/L
Antimony	0.006	mg/L
Arsenic	0.05	mg/L
Atrazine	3	µg/L
Barium	2	mg/L
Benzene	5	µg/L
Benzo-a-pyrene	0.2	µg/L
Beryllium	0.004	mg/L
Bis (2-ethylhexyl) phthalate	6	µg/L
Bromodichloromethane	100	µg/L
Bromoform	100	µg/L
Cadmium	0.005	mg/L
Carbofuran	40	µg/L
Carbon tetrachloride	5	µg/L
Chlordane	2	µg/L
Chlorine	4,000	µg/L
Chlorobenzene	100	µg/L
Chloroform	100	µg/L
Chromium	0.1	mg/L
Copper	1.3	mg/L
Cyanide	0.2	mg/L
1,2-Dibromo-3-chloropropane	0.2	µg/L

TABLE 4-8 (CONTINUED)
Maximum Contaminant Levels in Groundwater
RCRA Facility Investigation, IRP Site CG038

Contaminant	MCL	Units
Dibromochloromethane	100	µg/L
1,2-Dichlorobenzene	600	µg/L
1-4-Dichlorobenzene	75	µg/L
1,2-Dichloroethane	5	µg/L
1,1-Dichloroethylene	7	µg/L
Cis-1,2-dichloroethylene,	70	µg/L
Trans–1,2-dichloroethylene	100	µg/L
2,4-Dichlorophenoxyaceticacid	70	µg/L
1,2-Dichloropropane	5	µg/L
Dinoseb	7	µg/L
Diquat	20	µg/L
Endothall	100	µg/L
Endrin	2	µg/L
1-Ethyl-2-methyl benzene	1,000	µg/L
1-Ethyl-4-methyl benzene	1,000	µg/L
Ethylbenzene	700	µg/L
Ethylenedibromide	0.05	µg/L
Fluorine (soluble fluoride)	4,000	µg/L
Heptachlor	0.4	µg/L
Heptachlorepoxide	0.2	µg/L
Hexachlorobenzene	1	µg/L
Hexachlorocyclopentadiene	50	µg/L
Lead (inorganic)	0.015	mg/L
Mercury	0.002	mg/L
Methoxychlor	40	µg/L
Methylene chloride	5	µg/L
Nitrate	10,000	µg/L
Nitrite	1,000	µg/L
Oxamyl	200	µg/L
Pentachlorophenol	1	µg/L
Polychlorinated biphenyls	0.5	µg/L
Selenium	0.05	mg/L
Styrene	100	µg/L
Tetrachloroethene	5	µg/L
Thallium	0.002	mg/L
Toluene	1,000	µg/L
Toxaphene	3	µg/L
1,2,4-Trichlorobenzene	70	µg/L
1,1,1-Trichloroethane	200	µg/L

TABLE 4-8 (CONTINUED)
Maximum Contaminant Levels in Groundwater
RCRA Facility Investigation, IRP Site CG038

Contaminant	MCL	Units
1,1,2-Trichloroethane	5	µg/L
Trichloroethene	5	µg/L
1,2,3-Trimethylbenzene	1,000	µg/L
Uranium (soluble salts)	0.02	mg/L
Vinyl chloride	2	µg/L
m-Xylene	10,000	µg/L
o-Xylene	10,000	µg/L
p-Xylene	10,000	µg/L
Xylenes	10,000	µg/L

4.2.2 Subunit 2D

Subunit 2D is located in the south-central part of GWMU 2 and includes Landfill 3 (SWMU 5), Landfill 4 (SWMU 6), and part of Landfill 2 (SWMU 4). The western boundary of Subunit 2D extends to just west of the western base perimeter. Section 2 describes the site operations and history of this area. Potential impacts to groundwater are primarily based on samples collected from monitoring wells installed in the HWBZ, USZ, and the LSZ. Groundwater samples have also been collected from the landfill trenches. Samples collected in this manner are considered to be HWBZ groundwater samples.

Subunit 2D is characterized by groundwater impacted with organic compounds, primarily chlorinated hydrocarbons, and potentially metals. Potential sources of contamination include waste disposal activities associated with the landfills, primarily Landfill 3 and, to a lesser extent, Landfill 4. Subsequent to the data collected during the Basewide sampling event in 1997, a 20-well groundwater pump and treatment system was installed within Subunits 2D and 2E to minimize off-base migration of contaminants.

4.2.2.1 Hennessey Water-Bearing Zone

In this area, the thickness of the HWBZ ranges from less than 10 feet along Crutcho Creek to about 65 feet at the western boundary of Site CG038.

HWBZ Organic Constituents

Chlorinated solvents at concentrations below their respective MCLs were detected in two Hennessey wells. The TCE concentration in monitoring well 11C was estimated below laboratory detection limits at 0.7 µg/L. This sample was flagged "B", indicating that TCE was also detected in the associated laboratory blank. Monitoring well 11C is located in the same well cluster as the maximum TCE concentration detected in the USZ in wells installed as of 1999 (**Figure 4-2**[1]). Cis-1,2-DCE was detected at 2.6 µg/L in well 76C, located adjacent to and downgradient of Landfill 3 (**Figure 4-3**[1]).

These wells exhibit the highest total chlorinated hydrocarbon concentrations in the Hennessey (IT Corp., September 1999). Overall, concentrations in these wells have decreased with time.

[1] Oversized figure located in Volume II.

Table 4-9 lists the frequency of detection for samples collected from October to December 1998 in Subunit 2D in the HWBZ. Groundwater quality relatively similar to conditions described in the Phase II RFI Addendum 1 report for 1995 data in that no SVOCs, pesticides, or PCBs were detected. One exception to this generality was vinyl chloride in groundwater samples collected at monitoring well 76C. In 1995, the sample collected from this well had a vinyl chloride concentration of 0.8 µg/L, which is below the MCL of 2 µg/L. This compound was detected in monitoring well 76C in November 1998 at a concentration of 2.1 µg/L, just slightly exceeding the MCL. In 1999, the vinyl chloride concentration in the sample collected from monitoring well 76C was again below the MCL at 1.5 µg/L.

HWBZ Metals

Arsenic was detected in three wells (**Figure 4-4**[1]) at concentrations as high as 0.005 mg/L. Chromium and nickel were detected in several wells each at concentrations up to 0.0618 mg/L and 0.406 mg/L, respectively. The maximum concentrations of nickel and chromium were detected in well 76C, which is located adjacent to Landfill 3 (**Figures 4-5**[1] and **4-6**[1]).

None of these metal detections exceeded their respective MCLs. For the Phase II RFI Addendum 1 (1996 data), chromium was detected, but was below its MCL (IT Corp., September 1999). The Phase II RFI Addendum 1, which is based on 1996 data, references an MCL for nickel, however the MCL of 100 µg/L was remanded by EPA in 1995 and was, therefore, not in effect in 1996. The variability in the concentrations and distribution of these two metals is considered typical of stainless steel well screen corrosion. A basewide study conducted by IT Corp. (May 1999) concluded that the presence of elevated levels of chromium and nickel in groundwater at Tinker AFB were likely the result of well screen corrosion. Through 2000, no hexavalent chromium had been detected in any HWBZ wells in Subunit 2D.

Arsenic and barium were also detected in the HWBZ at concentrations below MCLs.

TABLE 4-9
Frequency of Detect for HWBZ Constituents, Subunit 2D (Oct-Dec 1998)
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
Oct-Dec 1998										
SW6010	Arsenic	6	3	50.0%	0.005	B	0.004	B	mg/L	0.05
SW6010	Barium	6	6	100.0%	1.47	=	0.036	=	mg/L	2
SW6010	Chromium, Total	6	4	66.7%	0.062	=	0.003	B	mg/L	0.1
SW6010	Nickel	6	5	83.3%	0.406	=	0.004	B	mg/L	
SW8260	Chloroform	6	1	16.7%	1.2	=	1.2	=	µg/L	100
SW8260	Cis-1,2-dichloroethene	6	1	16.7%	2.6	=	2.6	=	µg/L	70
SW8260	Methylene Chloride	6	1	16.7%	0.9	B	0.9	B	µg/L	5
SW8260	Trichloroethene	6	1	16.7%	0.7	B	0.7	B	µg/L	5

TABLE 4-9 (CONTINUED)
Frequency of Detect for HWBZ Constituents, Subunit 2D (Oct-Dec 1998)
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
Oct-Dec 1998										
SW8260	Vinyl Chloride	6	1	16.7%	2.1	=	2.1	=	µg/L	2
SW8270	Di-n-butylphthalate	6	1	16.7%	4.7	B	4.7	B	µg/L	

= signifies detected value
B signifies estimated value

4.2.2.2 Upper Saturated Zone

USZ Organic Constituents

TCE, the most frequently detected USZ organic compound in Subunit 2D, was detected at concentrations up to 430 µg/L in 1998 and 710 µg/L in 1999 (see **Table 4-10**). For both years, the maximum concentration was exhibited by well 11A, located west of Landfill 4, and downgradient of the Landfill 3 sludge pit, believed to be the primary TCE source (**Figures 4-7**[1] and **4-8**[1]). As shown on **Table A.46** in **Appendix A**, the maximum TCE concentration in well 11A has been increasing from 270 µg/L reported in 1995. In 2001, an additional USZ well (2-259B) was completed just south of the LF3 sludge pit. Groundwater samples taken from this well show high levels of cis-1,2-DCE (30,000 µg/L) and vinyl chloride (16,000 µg/L), although relatively low levels of TCE (71 µg/L). Also in 2001, monitoring well 2-260B was installed just west of the northwest corner of Landfill 4. The TCE concentration in the sample collected from this well was estimated at 0.9 µg/L. The only other organic constituent detected in this sample was chlorobenzene at a concentration of 2.9 µg/L.

The maximum TCE concentration in the half of the plume farthest from the source has been found in well 2-299B. The concentration in this well also has increased slightly from 100 µg/L in 1995 to 300 µg/L in 1999. The TCE concentration in well 2-292B at the western base boundary during it's initial sampling in 1996 was 11 µg/L. The concentration peaked in 1998 at 150 µg/L but declined to 61 µg/L in October 1999 (**Table A.46** in **Appendix A**). Even though no data existed in 1998 or 1999 to indicate the presence of TCE in groundwater off-base as shown in **Figures 4-7**[1] **and 4-8**[1], the off-base portion of the contours are estimated based on data from wells 2-292B and 2-299B. The increases in TCE concentrations in monitoring wells 2-292B and 2-299B coincide approximately with the start-up dates (1997 and 1998) of the groundwater extraction system in the area. Extraction wells EX-A01, EX-A02, EX-B01, and EX-B02 are located in the vicinity of the two monitoring wells. It is possible that the increase in TCE concentrations in the monitoring wells is due to the extraction wells drawing higher-concentration groundwater from upgradient areas toward the monitoring wells to the west.

In order to more fully delineate the western extent of the organic plume, Tinker AFB installed and sampled seven monitoring wells in the TVA. Five of the wells (2-253B, 2-254B, 2-255B, 2-256B, and 2-257B) were completed in the USZ and two of the wells (2-256A and 2-258A) were completed in the LSZ. Additionally, ODEQ collected groundwater samples from 43 private water supply wells within the same subdivision. It was not confirmed until this time (2001) that organic constituents extended off-base in groundwater; however, some organic concentration maps (e.g., **Figures 4-7**[1] **and 4-8**[1]) from 1998 and 1999 presented in this report depict plumes extending off-base. This is done to depict possible groundwater

conditions at that time (1998-1999) based upon groundwater data collected from on-base wells located near the base boundary.

Figure 4-9[1] illustrates the extent of TCE within the 2D groundwater plume and is based on 2000-2001 data. As shown, TCE was detected in three private wells (sampled by ODEQ) located in the northeastern portion of the TVA. No other compounds were detected in samples collected from these wells. The highest TCE concentration of 13.7 µg/L exceeds its MCL of 5 µg/L. The other two detections were an estimated value of 0.5 µg/L and 2.2 µg/L. The newly installed monitoring wells in TVA were sampled in July 2001 and in August 2001. TCE was not detected in any of the wells during either sampling event, indicating that the western extent of the TCE plume has been delineated.

Cis-1,2-DCE was detected in six on-base wells at concentrations up to 40 µg/L in 1998. In 2001, monitoring well 2-259B was installed and the sample collected from this well had a cis-1,2-DCE concentration of 30,000 µg/L. Prior to 2001, the highest concentration was detected in the sample collected from well 75B. None of the concentrations exceeded the MCL of 70 µg/L The distribution of this compound was fairly consistent with the 1998 TCE plume (**Figure 4-10**[1]). In 1999, cis-1,2-DCE was detected in eight wells with the 89 µg/L in the sample collected from monitoring well 75B being the highest. Again, well 75B exhibited the highest concentration. This concentration represented the only MCL exceedance (**Figure 4-11**[1]). The concentration of this compound in samples collected from this well has fluctuated since 1995, but overall has increased from 7 µg/L reported in 1995.

Cis-1,2-DCE was not detected in any of the private wells and was not detected in any of the monitoring wells during the July, 2001 sampling event. The compound was detected in monitoring well 2-257B at a concentration of 19 µg/L during the August, 2001 sampling event. The MCL for cis-1,2-DCE is 70 µg/L. It should be noted that cis-1,2-DCE has not been detected in monitoring wells 2-334B, 2-447B, or 2-448B, all of which are located between Tinker AFB and monitoring well 2-257B located in the TVA.

Vinyl chloride was detected at concentrations above the 2 µg/L MCL in four on-base wells in 1998 and in three wells in 1999 (**Figure 4-12**[1] and **Figure 4-13**[1], respectively). The maximum concentrations for these years, 25 µg/L and 12 µg/L, respectively, were found in well 11A (**Figure 4-12**[1]). The vinyl chloride concentration in this well has fluctuated slightly since 1995, but overall has similar to the concentration of 9 µg/L detected in 1995. As described above, the vinyl chloride concentration in the groundwater sample collected in 2001 from monitoring well 2-259B located just south of Landfill 3 was 16,000 µg/L. The lateral extent of both the cis-1,2-DCE and vinyl chloride plumes has been defined on-base.

Vinyl chloride was not detected in any of the private wells in the TVA and was not detected in any of the off-base monitoring wells during the July 2001 sampling event. The compound was detected in the sample collected from monitoring well 2-257B at a concentration of 2.8 µg/L in August 2001. The MCL for vinyl chloride is 2 µg/L. However, as with cis-1,2-DCE, there are several monitoring wells located between Tinker AFB and well 2-257B, in which no vinyl chloride was detected. These wells include 2-290B, EX-A01, EX-A02, and 2-125A located near the western boundary of the base in Subunit 2D and wells 2-333B, 2-334B, 2-447B, and 2-448B just off-base west of Subunit 2E.

1,2-DCA was not detected in Subunit 2D in 1998, 1999, or 2000-2001 and was not found in any of the off-base private wells or monitoring wells located directly west of Subunit D (**Figure 4-14**[1], **Figure 4-15**[1], and **Figure 4-16**[1] and **Table A.45, Appendix A**).

The primary source of TCE is presumed to be Landfill 3, where TCE was detected in sludge pit waste at 3 million µg/kg and in subsurface soil at concentrations above SSLs. Based on groundwater flow direction and TCE concentrations in downgradient wells, it is possible that a secondary source of TCE could be present in the northern portion of Landfill 4.

Cis-1,2-DCE and vinyl chloride detected in USZ groundwater may be degradation products of TCE . Neither compound was detected in soils during the Landfills 1 and 3 investigations, and the concentration of the former has been steadily increasing in monitoring well 75B.

Other VOCs detected in 1998 below MCLs include benzene, chlororbenzene, chloroform, and styrene; these and several additional VOCs were detected below MCLs in 1999. Also detected below MCLs in 1999 were SVOCs 1,2- 1,3-, and 1,4-dichlorobenzene, the latter also detected in 1998, and two phthalate compounds. The SVOC compound 1,2-dichlorobenzene was detected at high levels in the Landfill 3 sludge pit. No pesticides or PCBs were detected in 1998. Low level Aroclor 1260 was detected in 1999.

It is unlikely that the Supernatant Pond, FTA 1, RWDS 62598, or RWDS 1022E are source areas for the groundwater contamination in Subunits 2D and 2E (see Section 4). The SP and FTA 1 are hydraulically cross-gradient to the 2D and 2E plumes. Although RWDS 62598 and RWDS 1022E are upgradient from the 2E groundwater plume, the materials managed at the sites (lead and radiological materials) are not the same as those in the contaminated groundwater plume of Subunits 2D and 2E. Therefore, RWDS 62598 and RWDS 1022E are not likely sources of the groundwater contamination.

USZ Metals

Table 4-10 lists the frequency of inorganic constituent detection for samples collected from Subunit 2D USZ wells in 1998 and 1999. Arsenic, chromium, and nickel were most frequently detected. As shown on **Figure 4-17**[1] (1998) and **Figure 4-18**[1] (1999), arsenic detects were below the 0.050 mg/L MCL.

Chromium was detected below MCLs within Subunit 2D but at higher concentrations in two wells just outside this GWMU: 0.232 mg/L in well 2-291B in 1998 and 0.221 mg/L in well 2-124A in 1999 (**Figure 4-19**[1] and **Figure 4-20**[1] for 1998 and 1999, respectively). Since 1995, the chromium concentration in well 2-124A has been increasing from a concentration of 0.003 mg/L (**Table A.46, Appendix A**). As previously described, this may be due to degradation of stainless steel well screens.

TABLE 4-10
Frequency of Detect for USZ Constituents, Subunit 2D
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
Oct-Dec 1998										
8015M	DRO	13	7	53.8%	11.7	J	0.18	B	µg/L	
8015M	Gasoline	1	1	100.0%	1.2	=	1.2	=	µg/L	
8015M	TPH/DRO	1	1	100.0%	3.8	=	3.8	=	µg/L	
SW6010	Arsenic	24	6	25.0%	0.0105	=	0.004	B	Mg/L	0.05
SW6010	Barium	24	24	100.0%	1.97	=	0.057	=	mg/L	2

TABLE 4-10 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2D
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Cadmium	24	1	4.2%	0.0015	B	0.002	B	mg/L	0.005
SW6010	Chromium, Total	24	13	54.2%	0.232	=	0.002	B	mg/L	0.1
SW6010	Lead	24	3	12.5%	0.059	=	0.002	B	mg/L	0.015
SW6010	Nickel	24	23	95.8%	0.743	=	0.001	B	mg/L	
SW6010	Silver	24	1	4.2%	0.0028	B	0.003	B	mg/L	
SW7470	Mercury	24	1	4.2%	0.0009	=	9E-04	=	mg/L	0.002
SW8260	1,1-Dichloroethene	24	3	12.5%	2.1	=	1	=	µg/L	
SW8260	1,2-Dichlorobenzene	24	2	8.3%	2.7	=	0.9	B	µg/L	600
SW8260	1,2-Dichloroethane	24	1	4.2%	1	B	1	B	µg/L	5
SW8260	1,4-Dichlorobenzene	24	4	16.7%	4.2	=	1.9	=	µg/L	75
SW8260	Acetone	24	2	8.3%	1.4	B	0.9	B	µg/L	
SW8260	Benzene	24	2	8.3%	0.9	B	0.5	B	µg/L	5
SW8260	Chlorobenzene	24	6	25.0%	6.5	=	1.7	=	µg/L	100
SW8260	Chloroethane	24	1	4.2%	1.9	=	1.9	=	µg/L	
SW8260	Chloroform	24	2	8.3%	0.9	B	0.7	B	µg/L	100
SW8260	Chloromethane	24	1	4.2%	0.6	B	0.6	B	µg/L	
SW8260	Cis-1,2-dichloroethene	24	8	33.3%	40	=	0.9	B	µg/L	70
SW8260	Methylene Chloride	24	3	12.5%	1	B	0.5	B	µg/L	5
SW8260	Styrene	24	2	8.3%	1.3	=	1.3	=	µg/L	100
SW8260	Trans-1,2-dichloroethene	24	3	12.5%	3.1	=	1.6	=	µg/L	
SW8260	Trichloroethene	24	10	41.7%	430	=	14	=	µg/L	
SW8260	Vinyl Chloride	24	6	25.0%	25	=	1.6	=	µg/L	2
SW8260	Trans-1,2-dichloroethene	24	3	12.5%	3.1	=	1.6	=	µg/L	
SW8270	1,4-Dichlorobenzene	24	3	12.5%	2.5	E	1.5	B	µg/L	75
SW8270	Bis (2-ethylhexyl)phthlate	24	2	8.3%	2.5	E	1.1	B	µg/l	6
SW8270	Di-n-butylphthalate	24	7	29.2%	4.5	E	1.4	B	µg/l	
SW8270	Diethylphthalate	24	1	4.2%	1.2	E	1.2	B	µg/l	
Sept-Nov 1999										
SW6010	Arsenic	39	7	17.9%	0.0096	J	0.0066	J	mg/L	0.05

TABLE 4-10 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2D
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection	Minimum Detection	Units	MCL
SW6010	Barium	39	39	100.0%	0.111 J	0.0832 J	mg/L	2
SW6010	Cadmium	39	1	2.6%	0.0013 J	0.0013 J	mg/L	0.005
SW6010	Chromium, Total	39	19	48.7%	0.0131 J	0.0018 =	mg/L	0.1
SW6010	Lead	39	7	17.9%	0.033 =	0.0094 =	mg/L	0.015
SW6010	Nickel	39	27	69.2%	0.0729 J	0.002 =	mg/L	
SW6010	Selenium	39	2	5.1%	0.0053 =	0.0051 =	mg/L	0
SW6010	Silver	39	2	5.1%	0.0018 J	0.0012 J	mg/L	0.05
SW8080	Aroclor 1260	39	2	5.1%	1.6 J	0.75 J	ug/L	
SW8260	1,1-Dichloroethene	39	6	15.4%	2.3 J	0.9 =	ug/L	
SW8260	1,2-Dichlorobenzene	39	4	10.3%	2.4 J	0.5 =	ug/L	600
SW8260	1,2-Dichloroethane	39	1	2.6%	0.6 J	0.6 J	ug/L	5
SW8260	1,4-Dichlorobenzene	39	8	20.5%	4.9 J	0.6 =	ug/L	75
SW8260	Acetone	39	4	10.3%	1 J	0.9 J	ug/L	
SW8260	Benzene	39	4	10.3%	0.9 J	0.5 J	ug/L	5
SW8260	Chlorobenzene	39	9	23.1%	7.8 =	1.2 =	ug/L	100
SW8260	Chloroethane	39	2	5.1%	0.9 J	0.7 J	ug/L	
SW8260	Cis-1,2-dichloroethene	39	17	43.6%	9.4 J	0.5 =	ug/L	70
SW8260	Methylene Chloride	39	8	20.5%	1.6 J	1 =	ug/L	5
SW8260	Trans-1,2-dichloroethene	39	4	10.3%	3.2 J	0.7 =	ug/L	
SW8260	Trichloroethene	39	23	59.0%	710 J	0.6 =	ug/L	5
SW8260	Vinyl Chloride	39	11	28.2%	8.7 J	0.6 =	ug/L	2
SW8270	1,2-Dichlorobenzene	39	1	2.6%	1.7 J	1.7 J	ug/L	600
SW8270	1,3-Dichlorobenzene	39	1	2.6%	1.7 J	1.7 J	ug/L	
SW8270	1,4-Dichlorobenzene	39	6	15.4%	2.8 J	1.1 J	ug/L	75
SW8270	Di-n-butylphthalate	39	2	5.1%	4.3 J	3.3 J	ug/L	
SW8270	Diethylphthalate	39	2	5.1%	2.5 J	2.3 J	ug/L	
SW9060	Total Organic Carbon	39	25	64.1%	9.2 =	0.58 =	mg/L	

=	signifies detected value	J	signifies a value estimated below detection limits
B	signifies and estimated value	E	signifies the concentration exceeded the calibration range

For the purposes of this report, nickel concentrations in groundwater were compared to the former MCL of 100 µg/L in order to assess the possibility of well-screen corrosion as a source of nickel in groundwater; the MCL for nickel was remanded in 1995. Nickel concentrations in wells 2-124A, 2-290B, 2-291B, and 2-299B for 1998 and 1999 indicate localized groundwater impacts in this area (**Figure 4-21**[1] and **Figure 4-22**[1]). The 100 µg/L

used as the lowest contour value on the two figures is based on the former MCL. The source of these inorganic constituents is not entirely clear from their distribution, although releases from the landfills or other base activities are a possibility. All three constituents were detected in soil samples from Landfills 1 and 3, but not at significantly high concentrations. In addition, neither nickel nor chromium were detected in groundwater during pre-1998 basewide groundwater sampling. The variability in concentration and distribution of the nickel and chromium is considered typical of stainless steel well screen corrosion.

Concentrations of barium, cadmium, lead, mercury, selenium, and silver detected in the USZ during the 1998 or 1999 sampling events, were below their respective MCLs.

4.2.2.3 Lower Saturated Zone

LSZ Organic Constituents

In 1998, TCE was detected in well 11B at 7.2 µg/L, which is above the MCL. This is the only detected TCE concentration in this well since basewide groundwater monitoring began in 1995. Cis-1,2-DCE was detected in three wells at concentrations below the MCL. The maximum cis-1,2-DCE concentration, 5.6 µg/L, was detected in well 76B, which also exhibited the highest total chlorinated hydrocarbon concentration for the LSZ in Subunit 2D (IT Corp., September 1999).

Both wells 11B and 76B are located in well clusters in which the maximum TCE and cis-1,2-DCE were detected in the USZ (**Figures 4-23[1]** and **4-24[1]**), which implies vertical contaminant migration from the USZ. Migration appears to have been minimal, however, based on the relatively low concentrations detected in the LSZ. The lateral and vertical extent of contamination for both compounds has been defined.

Table 4-11 lists the frequency of analyte detection for samples collected in Subunit 2D in the LSZ. Chlorobenzene was detected below the MCL. Vinyl chloride was detected in excess of the MCL in samples collected in November 1998 from monitoring wells 3B and 76B. Vinyl chloride concentrations in these two wells were 6.9 µg/L and 5.1 µg/L, respectively. Vinyl chloride was also detected in monitoring well 2-258A located in the TVA during the August 2001 sampling event. The sample collected from this well had a vinyl chloride concentration of 1.2 µg/L compared to an MCL of 2 µg/L. No other organic constituents were detected in the two LSZ monitoring wells (2-256A and 2-258A) located in the TVA.

The nature and extent of organic constituents is similar to past studies. One exception is that previously detected BTEX and pesticides have not been detected during the most recent sampling event.

LSZ Metals

Table 4-11 lists the frequency of metals detection for samples collected in Subunit 2D in the LSZ. Arsenic, chromium, and nickel were the most frequently detected inorganic constituents in LSZ groundwater in Subunit 2D. All arsenic detects were below the MCL (**Figure 4-25[1]**). The maximum concentrations of chromium and nickel are from the same well, 76D, located at the southwest corner of Landfill 3. Concentrations were 0.156 mg/L and 0.276 mg/L respectively (**Figures 4-26[1] and 4-27[1]**). Relatively high nickel concentrations were also detected in two wells just outside Subunit 2D (well 2-124D to the north at 0.101 mg/L and well 86C to the southeast at 0.228 mg/L) supporting the concept that nickel may be a product of degradation of stainless steel well materials. Neither well is hydraulically downgradient from Landfill 3, and the wells are several thousand feet apart.

Because the maximum concentrations of chromium and nickel were exhibited by well 76D, vertical migration from the USZ may be occurring. However, variability in the concentration and distribution of these constituents is consistent with metal well screen corrosion. In addition, shallow wells at cluster 76 have not shown elevated levels of either chromium or nickel. The high occurrence of barium, detected in all samples at concentrations below the MCL, may be attributable to the presence of the mineral barite in the Garber-Wellington.

TABLE 4-11
Frequency of Detect for LSZ Constituents, Subunit 2D (Oct-Dec 1998)
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	12	8	66.7%	0.0232	=	0.0041	B	mg/L	0.05
SW6010	Barium	12	12	100.0%	1.47	=	0.106	=	mg/L	2
SW6010	Chromium, Total	12	6	50.0%	0.156	=	0.0039	B	mg/L	0.1
SW6010	Nickel	12	11	91.7%	0.276	=	0.0014	B	mg/L	
SW8260	1,2-Dichloroethane	12	1	8.3%	3.1	=	3.1	=	µg/L	5
SW8260	1,4-Dichlorobenzene	12	1	8.3%	2	=	2	=	µg/L	75
SW8260	Acetone	12	2	16.7%	23	=	0.6	JB	µg/L	
SW8260	Chlorobenzene	12	2	16.7%	2.4	=	0.8	B	µg/L	100
SW8260	Cis-1,2-Dichloroethene	12	3	25.0%	5.6	=	2	=	µg/L	70
SW8260	Methyl Ethyl Ketone (2-Butanone)	12	1	8.3%	3.7	B	3.7	B	µg/L	
SW8260	Trichloroethene	12	1	8.3%	7.2	=	7.2	=	µg/L	5
SW8260	Vinyl Chloride	12	2	16.7%	6.9	=	5.1	=	µg/L	2
SW8270	1,4-Dichlorobenzene	12	1	8.3%	1.6	J	1.6	J	µg/L	75
SW8270	Bis(2-ethylhexyl)phthalate	12	1	8.3%	5.1	B	5.1	B	µg/L	6
SW8270	Di-n-butylphthalate	12	6	50.0%	7.7	B	1	B	µg/L	
SW9315	Radium-226	11	11	100.0%	1.2	=	0.1	=	PCi/L	

Notes: = signifies detected value
B signifies an estimated value
J signifies a value estimated below detection limits

4.2.2.4 Lower-Lower Saturated Zone

There are no LLSZ wells in Subunit 2D. The contaminants that have been observed in the LSZ are at low concentrations and are not widespread. Therefore, there are no LLSZ data to report.

4.2.3 Subunit 2E

Subunit 2E is located in the southern part of GWMU 2 and includes most of Landfill 2 (SWMU 4). The site operations and history of this area are described in Section 2.0 of this report. Potential impacts to groundwater are based on samples collected from monitoring wells installed in the HWBZ, USZ, LSZ, and LLSZ. As with Subunit 2D, groundwater contamination is primarily restricted to the USZ, which indicates the effectiveness of the aquitard separating the USZ from underlying zones in this area. Subunit 2E is characterized by groundwater impacted by organic compounds, primarily chlorinated hydrocarbons, and potentially metals. Potential sources of contamination include waste disposal activities associated with Landfill 2, a former waste re-drumming operation located at the south end of Landfill 2 near monitoring well cluster 79, and the drum storage area to the east identified

on the 1954 base map as described in Section 4.1.11. Indirect contributions are believed to have originated from Landfill 4 and adjacent industrial activity.

Landfill trenches may have facilitated the vertical migration of contaminants to the USZ. Some of these, if excavated at a consistent depth through the Hennessey (with respect to surface topography), may have intersected the underlying Garber-Wellington Formation where the Hennessey is thin, as shown in **Figure 3-7**[1]. The low lateral permeability of the HWBZ may have affected the preferential pathway for downward migration to the USZ , especially in areas where surface topography increased the vertical head within a trench. The trenches also may have facilitated horizontal migration (from one end of a landfill to another, or possibly to another landfill), not necessarily in the same direction as groundwater flow.

4.2.3.1 Hennessey Water-Bearing Zone

The thickness of the Hennessey Group in this area ranges from less than 15 feet along Crutcho Creek to about 65 feet at well cluster 45.

HWBZ Organic Constituents

TCE was detected in three wells: 59C, 78C, and 79A. The highest concentration, 6.3 µg/L in well 59C, was the only one to exceed the MCL. Cis-1,2-DCE also was detected in 59C and 78C (see **Table 4-11**). Wells 59C and 79A are adjacent to Landfill 2. Well 78C is just northwest of the drum storage area noted on the 1954 Base map.

In the past, well 59C has exhibited the highest concentration of total chlorinated hydrocarbons in Subunit 2E (IT Corp., September 1999). This distribution (**Figures 4-2**[1] and **4-3**[1]) is consistent with the general northeasterly direction of groundwater flow in the HWBZ away from Landfill 2 (**Figure 3-20**[1]). The lateral extent of contamination for both compounds has been defined.

Overall, groundwater quality remained similar to conditions described in the Phase II RFI Addendum 1 (IT Corp., September 1999), with the exception of parameters often detected as laboratory contaminants, including low concentrations of VOCs (acetone and methylene chloride) and SVOCs (di-n-butylphthalate and diethylphthalate). No fuel compounds, pesticides, or PCBs were detected. Organic analytical data are not indicative of a VOC plume in the HWBZ.

HWBZ Metals

Arsenic was detected in five wells and associated blank samples at concentrations up to 0.0067B mg/L, which is below the 0.050 mg/L MCL. This distribution does not indicate a specific source (**Figure 4-4**[1]).

Chromium and nickel were detected at concentrations up to 0.111 mg/L and 0.677 mg/L, respectively. The maximum chromium detection, which exceeds the MCL, is from monitoring well 10E, which is located at the north-central boundary of Subunit 2E (**Figures 4-5**[1] and **4-6**[1]). Historically, arsenic, barium, and selenium have also been detected in the HWBZ (IT Corp., September 1999); however, only lead exceeded it's MCL. Possible sources could be releases from Landfill 2, Landfill 4 just to the north (sludge pit), or metal well screen corrosion, as discussed previously. **Table 4-12** lists the frequency of detection for samples collected in Subunit 2E in the HWBZ .

TABLE 4-12
Frequency of Detect for HWBZ Constituents, Subunit 2E (Oct-Dec 1998)
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	15	5	33.3%	0.007	B	0.005	B	mg/L	0.05
SW6010	Barium	15	12	80.0%	0.366	=	0.054	=	mg/L	2
SW6010	Chromium, Total	15	10	66.7%	0.111	=	0.003	B	mg/L	0.1
SW6010	Nickel	15	14	93.3%	0.677	=	0.001	B	mg/L	
SW6010	Selenium	15	2	13.3%	0.01	=	0.005	=	mg/L	0.05
SW8260	Acetone	15	1	6.7%	0.5	JB	0.5	JB	µg/L	
SW8260	Cis-1,2-dichloroethene	15	2	13.3%	2.6	=	0.8	J	µg/L	70
SW8260	Dichlorodifluoromethane	15	1	6.7%	0.8	B	0.8	B	µg/L	5
SW8260	Methylene Chloride	15	1	6.7%	0.9	B	0.9	B	µg/L	5
SW8260	Trichloroethene	15	3	20.0%	3.1	=	0.8	B	µg/L	5
SW8270	Di-n-butylphthalate	15	3	20.0%	5.9	B	1.6	J	µg/L	
SW8270	Diethylphthalate	15	1	6.7%	1	JB	1	JB	µg/L	

Notes: = signifies detected value
B signifies an estimated value
J signifies a value estimated below detection limts

4.2.3.2 Upper Saturated Zone

USZ Organic Constituents

TCE is the most frequently detected organic compound in the USZ in Subunit 2E (see **Table 4-13**). The maximum concentration in both 1998 and 1999 was exhibited by well 79BR (6,400 µg/L and 11,400 µg/L for 1998 and 1999, respectively, as shown on **Figures 4-7[1]** and **4-8[1]**). Historically, the TCE concentration exhibited by this well was as low as 2,700 µg/L (July 1996, from **Table A.46** in **Appendix A**).

Cis-1,2-DCE, 1,2-DCA, and vinyl chloride also were detected frequently in the USZ for both 1998 and 1999; many of these detects exceed MCLs. Cis-1,2-DCE and vinyl chloride are characterized by a distribution similar to the TCE plume, but each has two distinct areas of higher concentration. The highest cis-1,2-DCE concentrations upgradient of Landfill 2 were 170 µg/L, exhibited by well 2-131A in 1998, and 390 µg/L by well 59B in 1999. The highest downgradient concentrations of 280 µg/L were exhibited by extraction well EX-A09 in 1998 and 650 µg/L by well 2-296B in 1999 (see **Figures 4-10[1]** and **Figure 4-11[1]**). Since 1995, maximum concentrations in both portions of the plume have gradually increased from 120 µg/L in well 2-131A and from 210 µg/L in well 2-296B. The highest upgradient concentrations of vinyl chloride were exhibited by well 2-131A (70 µg/L in 1998 and 35 µg/L in 1999), and the highest downgradient concentrations by well 2-127A (16 µg/L in 1998) and (10 µg/L in 1999) (see **Figures 4-12[1]** and **Figure 4-13[1]**).

The distribution of 1,2-DCA is fairly consistent with the TCE plume; the maximum concentration was 180 µg/L in 1998 and 150 µg/L in 1999, both at well EX-B06. A smaller 1,2-DCA *hot spot* is located in the northern portion of Subunit 2E (**Figure 4-14[1]** and **Figure 4-15[1]**). No information prior to 1998 is available for EX-B06, but the 1,2-DCA concentration at well 79BR overall has increased from 0 to 92 µg/L since 1995 (**Table A.46, Appendix A**).

TABLE 4-13
Frequency of Detect for USZ Constituents, Subunit 2E
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
Oct-Dec 1998										
8015M	DRO	25	15	60.0%	164	=	0.02	B	µg/L	
8015M	Gasoline	2	2	100.0%	9	=	2.5	=	µg/L	
8015M	GRO	25	19	76.0%	600	=	0.3	B	µg/L	
8015M	TPH/DRO	2	2	100.0%	25	=	25	=	µg/L	
SW6010	Arsenic	42	14	33.3%	0.068	=	0.004	B	mg/L	0.05
SW6010	Barium	42	37	88.1%	0.938	=	0.068	=	mg/L	2
SW6010	Chromium, Total	42	23	54.8%	4.29	=	0.003	B	mg/L	0.1
SW6010	Lead	42	2	4.8%	0.003	B	0.003	B	mg/L	0.015
SW6010	Nickel	42	41	97.6%	1.11	=	0.001	B	mg/L	
SW6010	Selenium	42	1	2.4%	0.005	=	0.005	=	mg/L	0.05
SW8080	Alpha-bhc	42	1	2.4%	0.032	P	0.032	P	µg/L	
SW8260	1,1,2-Trichloroethane	42	3	7.1%	6	=	0.8	B	µg/L	5
SW8260	1,1-Dichloroethene	42	3	7.1%	1.1	=	0.6	B	µg/L	
SW8260	1,2-Dichlorobenzene	42	11	26.2%	15	=	0.6	B	µg/L	600
SW8260	1,2-Dichloroethane	42	23	54.8%	180	=	1.2	=	µg/L	5
SW8260	1,4-Dichlorobenzene	42	10	23.8%	7	=	0.9	B	µg/L	75
SW8260	Acetone	42	1	2.4%	0.8	JB	0.8	JB	µg/L	
SW8260	Benzene	42	10	23.8%	3.7	=	0.6	J	µg/L	5
SW8260	Carbon Tetrachloride	42	1	2.4%	1.1	=	1.1	=	µg/L	5
SW8260	Chlorobenzene	42	17	40.5%	63	=	0.5	B	µg/L	100
SW8260	Chloroform	42	7	16.7%	6.1	=	0.6	B	µg/L	100
SW8260	Chloromethane	42	1	2.4%	0.7	B	0.7	B	µg/L	
SW8260	Cis-1,2-dichloroethene	42	29	69.0%	280	=	0.9	B	µg/L	70
SW8260	Dichloro-difluoromethane	42	4	9.5%	6.6	=	1.3	=	µg/L	
SW8260	Methylene Chloride	42	3	7.1%	1.1	=	0.6	B	µg/L	5
SW8260	Tetrachloroethene	42	3	7.1%	1.9	=	0.9	B	µg/L	5
SW8260	Toluene	42	1	2.4%	5.9	=	5.9	=	µg/L	1000
SW8260	Trans-1,2-dichloroethene	42	18	42.9%	5.7	=	0.6	B	µg/L	
SW8260	Trichloroethene	42	30	71.4%	6400	=	0.6	B	µg/L	5
SW8260	Vinyl Chloride	42	11	26.2%	70	=	1	B	µg/L	2
SW8270	1,2-Dichlorobenzene	42	7	16.7%	11	=	1.1	J	µg/L	600
SW8270	1,4-Dichlorobenzene	42	8	19.0%	4.4	B	1.3	B	µg/L	75

TABLE 4-13 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2E
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW8270	Bis(2-ethylhexyl)phthalate	42	4	9.5%	10	=	1.3	B	µg/L	6
SW8270	Di-n-butylphthalate	42	10	23.8%	8.2	B	1.2	B	µg/L	
SW8270	Diethylphthalate	42	1	2.4%	1.9	B	1.9	B	µg/L	
Sept-Nov 1999										
SW6010	Arsenic	68	15	22.1%	6.0	J	57.6	=	µg/L	0.05
SW6010	Barium	68	68	100.0%	89.1	=	169	J	µg/L	2
SW6010	Cadmium	68	2	2.9%	2.1	J	2.6	J	µg/L	0.005
SW6010	Chromium, Total	68	38	55.9%	2.4	J	89.4	=	µg/L	0.1
SW6010	Lead	68	16	23.5%	2.4	J	10.7	=	µg/L	0.015
SW6010	Nickel	68	36	52.9%	1.0	J	11.7	=	µg/L	
SW6010	Selenium	68	4	5.9%	6.6	=	16.7	=	µg/L	
SW6010	Silver	68	5	7.4%	1.0	J	1.9	J	µg/L	
SW8080	4,4'-DDE	67	2	3.0%	0.095	=	0.11	=	µg/L	
SW8080	Aroclor 1260	67	3	4.5%	0.40	J	0.82	J	µg/L	
SW8080	Beta-BHC	67	2	3.0%	0.17	=	0.39	=	µg/L	
SW8080	Gamma-BHC	67	5	7.5%	0.029	J	0.11	=	µg/L	
SW8080	Gamma-chlordane	67	2	3.0%	0.041	=	0.067	=	µg/L	
SW8260	1,1,2-Trichloroethane	68	3	4.4%	0.7	J	12	=	µg/L	
SW8260	1,1-Dichloroethene	68	6	8.8%	0.6	J	1	=	µg/L	
SW8260	1,2-Dichlorobenzene	68	21	30.9%	0.5	J	4.9	=	µg/L	600
SW8260	1,2-Dichloroethane	68	42	61.8%	0.6	J	92	=	µg/L	5
SW8260	1,4-Dichlorobenzene	68	16	23.5%	0.5	J	7.8	=	µg/L	75
SW8260	Acetone	68	17	25.0%	0.5	J	1.7	J	ug/L	
SW8260	Benzene	68	16	23.5%	0.6	J	3.6	=	ug/L	5
SW8260	Carbon Tetrachloride	68	1	1.5%	1	J	1	J	ug/L	
SW8260	Chlorobenzene	68	31	45.6%	0.9	J	95	=	ug/L	100
SW8260	Chloroform	68	8	11.8%	0.5	J	8.7	=	ug/L	100
SW8260	Cis-1,2-dichloroethene	68	52	76.5%	0.8	J	430	=	ug/L	70
SW8260	Dichlorodifluoro-methane	68	7	10.3%	0.6	J	9.7	=	ug/L	
SW8260	m&p-Xylenes	68	1	1.5%	1.3	=	1.3	=	ug/L	10000
SW8260	Methylene Chloride	68	5	7.4%	1	=	1.6	=	ug/L	5
SW8260	Tetrachloroethene	63	5	7.9%	1.5	=	3.5	=	ug/L	5
SW8260	Trans-1,2-dichloroethene	68	29	42.6%	0.6	J	7.2	=	ug/L	

TABLE 4-13 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2E
RCRA Facility Investigation, IRP Site CG038

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW8260	Trichloroethene	68	50	73.5%	0.7	J	990	=	ug/L	5
SW8260	Vinyl Chloride	68	21	30.9%	0.6	J	8.5	=	ug/L	2
SW8270	1,2-Dichlorobenzene	68	8	11.8%	1	J	15	=	ug/L	600
SW8270	1,3-Dichlorobenzene	68	2	2.9%	2.5	J	2.6	J	ug/L	
SW8270	1,4-Dichlorobenzene	68	14	20.6%	1.4	J	3.9	J	ug/L	75
SW8270	Bis(2-ethylhexyl)phthalate	68	2	2.9%	1.2	J	5.2	J	ug/L	6
SW8270	Di-n-butylphthalate	68	1	1.5%	3.9	J	3.9	J	ug/L	
SW8270	Diethylphthalate	68	2	2.9%	1.4	J	2	J	ug/L	
SW9060	Total Organic Carbon	68	43	63.2%	0.48	=	9.0	=	mg/L	

Notes: = signifies detected value J signifies a value estimated below detection limits
B signifies an estimated value

Landfill 2 and the former re-drumming area near well 79BR are the primary contaminant sources for the observed TCE and probably the other chlorinated hydrocarbon compounds detected in USZ groundwater. TCE has been detected in Landfill 2 subsurface soil samples at concentrations exceeding SSLs and background. However, because the other chlorinated compounds were not detected in Landfill 2 soils at significant concentrations, an alternate explanation for their occurrence in Subunit 2E groundwater may be TCE degradation.

In addition, portions of the TCE, cis-1,2-DCE, and vinyl chloride plumes upgradient to the east are not consistent with a Landfill 2 source. Other source(s) located upgradient of Subunit 2E may be present, possibly in the vicinity of the AOC drainage ditch or other facilities near Building 1030. A potential upgradient source is the recently identified former drum storage area indicated on the 1954 base map. Groundwater samples collected from two temporary wells (LF12-B9617 and LF12-B9618) located within the footprint of the former facility in 1996 contained concentrations of TCE, 1,2-DCA, and cis-1,2-DCE in excess of MCLs. The presence of a 1,2-DCA *hot spot* in the northern portion of Subunit 2E provides additional evidence of a source other than Landfill 2. However, insufficient soil data exist to verify this assumption.

For this RFI report, the eastern plume boundaries for TCE, cis-1,2-DCE, and vinyl chloride have been estimated, due to a lack of current data to support the previous assumption that well 2-142 defined the eastern edge of the total chlorinated hydrocarbon plume (IT Corp., September 1999). Groundwater data from the two former temporary wells located near the eastern edge of Subunit 2E, and wells located to the northeast at the edge of the concrete apron (2-410B and 2-418B) showed this eastern edge to approximate the plume boundary. One or more permanent wells between Building 1030 and monitoring well 2-410B would help to better delineate this, however.

The western extent of the VC plume appears to be well-defined within Subunit 2E. However, groundwater samples from several wells located near the western base boundary

were found to have concentrations of TCE, cis-1,2-DCE and 1,2-DCA above MCLs. Concentrations of these compounds in well 2-294B and well 2-295B have shown slight to moderate increases since 1995 (**Table A.46** in **Appendix A**). Since 1995, Tinker has installed and sampled additional monitoring wells to the west on property owned by Oklahoma County (2-333B, 2-334B, 2-447B, and 2-448B) as well as in the TVA (clusters 2-253 to 2-258). These wells better delineate the western extent of contaminant plumes in Subunits 2D and 2E. In addition, the ODEQ has sampled 43 private water supply wells in the TVA.

As illustrated on **Figure 4-9**[1], the western extent of TCE in the 2E plume appears to extend only slightly off-base. The compound was not detected in excess of MCLs in any off-base wells within the 2E plume. TCE was detected in groundwater samples collected from monitoring wells 2-333B and 2-447B at concentrations of 4.3 µg/L and 0.6J µg/L, respectively, but was not detected in samples collected from monitoring wells 2-334B and 2-448B. The compound was not detected in any of the wells in the TVA to the west of the 2E plume.

Figure 4-16[1] illustrates the extent of 1,2-DCA within the 2E groundwater plume, based on the 2000-2001 analytical data. This compound was detected in one off-base monitoring well (2-333B) near the western boundary of the base at a concentration of 7.2 µg/L. This slightly exceeds it's MCL of 5 µg/L for 1,2-DCA. The compound was not detected in groundwater samples collected from downgradient monitoring well 2-447B, or in wells 2-334B and 2-448B located nearby. The groundwater sample collected from extraction well EX-A06, located very near the base boundary in the northwestern portion of the 2E plume, had a 1,2-DCA concentration of 40 µg/L. Due to this well's proximity to the base boundary, it is possible that 1,2-DCA in excess of MCLs may extend off-base in this area. Tinker AFB has contracted to install a USZ well approximately 500 feet downgradient of EX-A06 to evaluate this possibility.

None of the groundwater samples collected from monitoring wells located within the TVA contained detectable concentrations of 1,2-DCA; however, the compound was detected in seven of the private wells in the subdivision, as shown on **Figure 4-16**[1]. Only one well, located on Lot 1, Block 7 of the TVA, contained 1,2-DCA in excess of the MCL. The sample collected from this well contained 17 µg/L of 1,2-DCA compared to an MCL of 5 µg/L. Other 1,2-DCA concentrations ranged from an estimated value of 0.2 µg/L to 2.7 µg/L.

The 1,2-DCA concentrations in the private wells in the TVA do not appear to be associated with the 1,2-DCA plume extending from the southwest corner of Tinker AFB. As described above, the compound was not detected in monitoring wells 2-334B, 2-447B, or 2-448B. In addition, private wells sampled by ODEQ, which are located between the area of the TVA impacted by 1,2-DCA and the on-base 1,2-DCA plume, did not contain detectable concentrations of the compound. The sample collected from well 2-333B, located approximately 1,800 feet upgradient from the private well with the highest 1,2-DCA concentration, contained only 7.2 µg/L of the compound. However, well 2-447B, located directly downgradient approximately 250 feet, contains no 1,2-DCA.

The likelihood that the presence of 1,2-DCA in the private wells is not associated with sources at Tinker AFB is further supported by review of the most recent potentiometric surface map (**Figure 3-23**[1]). As noted in Section 3.5.2.2, USZ groundwater flow in the 1,2-DCA-affected portion of the TVA is toward the southeast due to the structural configuration of the geologic units underlying the area, whereas flow from the landfills area is toward the southwest. A hydraulic barrier (groundwater low) just east of the affected area of the TVA

prevents westward migration of contaminant plumes emanating from sources at Tinker AFB. It appears more likely that the 1,2-DCA detected in wells in this portion of the TVA stems from an unknown, localized source. Tinker has contracted to install and sample an additional monitoring well in the area lying between the 1,2-DCA plume that emanates from the base and the separate 1,2-DCA plume at the TVA. That monitoring well is designed to further demonstrate that 1,2-DCA found in the TVA wells is not associated with activities at Tinker. The well is to be located near the east side of the TVA and just south of SE 57th Street.

Several VOCs, other than the COPCs, and six SVOCs (three dichlorobenzene compounds and two phthalates) were detected below their MCLs in Subunit 2E. Bis(2-ethylhexyl)phthalate was the only one of these to exceed its 6 µg/L MCL, but the phthalate compounds are common field and laboratory contaminants. Several pesticide compounds for which there are no corresponding MCLs were detected at low concentrations in both 1998 and 1999.

USZ Metals

Table 4-13 lists the frequency of detection for inorganic and organic parameters detected in samples collected from Subunit 2E USZ wells in 1998 and 1999.

Arsenic was detected at a concentration slightly above the MCL only in downgradient well 2-335B in 1998 (**Figure 4-17**[1]). Chromium hot spots exhibiting concentrations significantly higher than the MCL appear to be centered around three wells (10A, 2-132A , and 2-335B), with a fourth (2-133A) located southeast of Subunit 2E (**Figure 4-19**[1] and **Figure 4-20**[1]). During sampling in 2000, a groundwater sample collected from monitoring well 10A contained 3.75 mg/L of hexavalent chromium. Samples collected from wells 2-132A and 2-335B contained elevated levels of total chromium in 1999 and 2000, but did not contain detectable hexavalent chromium. During this sampling event, the groundwater samples were observed to be discolored. As described above, an ongoing investigation is assessing whether elevated chromium levels in some wells may be due to degradation of stainless steel well screens. However, the presence of hexavalent chromium indicates a contaminant source for monitoring well 10A, possibly the sludge pit at Landfill 4.

Similarly, nickel concentrations exceed the MCL in several wells within Subunit 2E (2-130A, 2-132A, 2-335B, and 79BR, as shown on **Figure 4-21**[1] and **Figure 4-22**[1]). **Table A.46 (Appendix A)** shows that nickel in 79BR has been decreasing since 1995. Both chromium and nickel in well 2-335B increased significantly from 1995 to 1999: from 0.0041 to 8.32 mg/L and from 0.0019 to 0.84 mg/L, respectively. However, the chromium concentration in 2-335B decreased to 0.124 mg/L in the sample collected in 2000. For most other wells in Subunit 2E, concentrations have varied.

The source of these three metals is not entirely clear from their distribution, although releases from the landfills or other base activities are a possibility. All three constituents were detected in soil samples from Landfills 2 and 4, but not at significant concentrations. The variability in concentration and distribution of the nickel and chromium is considered typical of stainless steel well screen corrosion, which IT Corp. is studying basewide. The arsenic concentrations may be naturally-occurring as discussed in Section 4.2.1.

Barium, cadmium, lead, selenium, and silver also were detected in the USZ at concentrations below MCLs.

4.2.3.3 Lower Saturated Zone

LSZ Organic Constituents

TCE and cis-1,2-DCE were detected in wells 2-217C and 59AR at concentrations below their respective MCLs (**Figures 4-21**[1] and **4-22**[1]). This is similar to the Phase II RFI Addendum 1 investigation results for this area (IT Corp., September 1999), although the concentrations are slightly lower now.

The presence of these compounds at monitoring well 59A is attributed to high concentrations present before well 59A was replaced by 59AR (IT Corp., September 1999). **Table 4-14** lists the frequency of detection for samples collected in Subunit 2E in the LSZ. Benzene, chlorobenzene, methylene chloride, toluene and vinyl chloride were detected below MCLs.

Overall, groundwater conditions from the October-December 1998 sampling event remain similar to those of from past studies, with the exception that previously-detected pesticide and BTEX compounds were no longer observed.

As described in Section 4.2.2.3, vinyl chloride was detected in monitoring well 2-258A located in the TVA during the August 2001 sampling event. The sample collected from this well had a vinyl chloride concentration of 1.2 µg/L compared to an MCL of 2 µg/L. No other organic constituents were detected in the two LSZ monitoring wells located in TVA.

LSZ Metals

Arsenic, chromium, and nickel were the most frequently detected inorganic constituents in LSZ groundwater in Subunit 2E. Arsenic results were qualified for associated blank contamination, and all values were below the MCL 0.05 mg/L (**Figure 4-25**[1]). The detected concentrations of nickel and chromium were all below MCLs.

These results and the distribution of chromium and nickel are similar to those of the RFI Phase II Addendum 1 investigation (**Figures 4-26**[1] **and 4-27**[1]). **Table 4-14** lists the frequency of detection for samples collected in Subunit 2E in the LSZ. Similar to the rest of the Site CG038 study area, the distribution of chromium and nickel in the LSZ does not indicate a definitive source or a defined plume, and implies the possibility of well screen corrosion, which is addressed as part of IT's Nickel/Chromium Study. Barium and lead were detected in the LSZ at concentrations below their MCLs.

TABLE 4-14
Frequency of Detect for LSZ Constituents, Subunit 2E (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	21	8	38.1%	0.007	J	0.0046	B	mg/L	0.05
SW6010	Barium	21	19	90.5%	1.81	=	0.134	=	mg/L	2
SW6010	Chromium, Total	21	14	66.7%	0.0414	=	0.0021	B	mg/L	0.1
SW6010	Lead	21	2	9.5%	0.0041	=	0.0022	B	mg/L	0.015
SW6010	Nickel	21	20	95.2%	0.228	=	0.0014	B	mg/L	
SW8260	1,4-Dichlorobenzene	21	1	4.8%	0.5	B	0.5	B	µg/L	75
SW8260	Acetone	21	1	4.8%	14	=	14	=	µg/L	
SW8260	Benzene	21	1	4.8%	2.1	=	2.1	=	µg/L	5
SW8260	Chlorobenzene	21	1	4.8%	1.4	=	1.4	=	µg/L	100
SW8260	Cis-1,2-dichloroethene	21	2	9.5%	4.5	=	0.7	B	µg/L	70
SW8260	m&p-Xylenes	21	1	4.8%	0.6	B	0.6	B	µg/L	
SW8260	Methylene Chloride	21	2	9.5%	0.9	B	0.5	B	µg/L	5
SW8260	Toluene	21	1	4.8%	0.9	B	0.9	B	µg/L	1000
SW8260	Trichloroethene	21	1	4.8%	1.2	=	1.2	=	µg/L	5
SW8260	Vinyl Chloride	21	1	4.8%	1	B	1	B	µg/L	2
SW8270	Bis(2-ethylhexyl)phthalate	21	1	4.8%	4.9	B	4.9	B	µg/L	6
SW8270	Di-n-butylphthalate	21	4	19.0%	3.8	B	1.1	B	µg/L	
SW8270	Diethylphthalate	21	1	4.8%	1.5	B	1.5	B	µg/L	

Notes: = signifies detected value
B signifies estimated value
J signifies a value estimated below detection limits

4.2.3.4 Lower-Lower Saturated Zone

LLSZ Organic Constituents

In 1998, TCE and cis-1,2-DCE were detected in one sample each: TCE at 1.3 µg/L in well 79D, and cis-1,2-DCE 0.6 µg/L in well 2-131D. Both concentrations were well below MCLs, and the value for cis-1,2-DCE was qualified as being detected in a blank sample. Neither of these two compounds were detected in samples collected from the two wells in 1999. Neither 1,2-DCA nor vinyl chloride was detected in any of the LLSZ wells in Subunit 2E.

Results of the Phase II RFI Addendum 1 investigation showed no detections of chlorinated hydrocarbons in this groundwater zone. **Table 4-15** lists the frequency of detection for samples collected in Subunit 2E in the LLSZ.

LLSZ Metals

Arsenic was detected in groundwater samples collected from wells 2-133D, 46D, and 79D at concentrations well below the MCL. Chromium and nickel were detected in all ten LLSZ

samples at concentrations up to 0.1 mg/L and 0.458 mg/L, respectively. The MCL for chromium is 0.1 mg/L. The MCL for nickel was remanded in 1995.

Because of the depth of contamination and spotty distribution, the landfills and shallow subsurface contamination have been ruled out as a source of nickel and chromium. The variability in concentration and distribution of these two constituents in LLSZ groundwater is likely the result of stainless well screen corrosion, which is being assessed as part of IT's nickel/chromium study. **Table 4-15** includes the frequency of detection of inorganics in Subunit 2E in the LLSZ.

TABLE 4-15
Frequency of Detect for LLSZ Constituents, Subunit 2E (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	10	3	30.0%	0.0083	B	0.0047	B	mg/L	0.05
SW6010	Barium	10	8	80.0%	0.498	=	0.0628	=	mg/L	2
SW6010	Chromium, Total	10	8	80.0%	0.1	=	0.0034	J	mg/L	0.1
SW6010	Nickel	10	10	100.0%	0.458	=	0.0013	B	mg/L	
SW8260	Acetone	10	1	10.0%	1.6	B	1.6	B	ug/L	
SW8260	Methylene Chloride	10	1	10.0%	0.6	B	0.6	B	ug/L	5
SW8260	Trichloroethene	10	1	10.0%	1.3	=	1.3	=	ug/L	5
SW8270	Di-n-butylphthalate	10	4	40.0%	4.5	B	1	B	ug/L	
SW8270	Diethylphthalate	10	1	10.0%	3.5	B	3.5	B	ug/L	

Notes: = signifies detected value J signifies a value estimated below detection limits
B signifies estimated value

4.2.4 Subunit 2A and Subunit 2C

Although Subunits 2A and 2C are located primarily on the north side of Crutcho Creek and are being investigated and evaluated by another contractor as part of a separate RFI, the southern portion of Subunit 2A and all of Subunit 2C, including Landfill 1, are included within the Site CG038 boundary. The analytical results are presented and the background and hydrogeology of these two subunits are discussed briefly within this section. The analytical data suggest that it is unlikely that these two areas contribute to groundwater contamination in Subunits 2D and 2E.

Subunit 2A is located in the north-central part of GWMU 2 and includes the former Sanitary Waste Treatment Plant (Buildings 1005 and 1007) and adjacent Sludge Drying Beds (SWMU 14) and an AOC at Building 1005. This site was located on the northwest corner of Patrol and Reserve Roads. The buildings and drying beds were demolished in 1999. Buildings 1005 and 1007 originally were constructed as part of the waste treatment plant and were later used to store pesticides. The plant utilized the adjacent eight sludge drying beds. After the plant stopped operating, the beds were temporarily used as an accumulation and storage site for drummed hazardous waste.

Subunit 2C is in the central portion of GWMU2, south of the Patrol Road/Reserve Road intersection, and north of the east branch of Crutcho Creek. Sites in this area are FTA 1 (SWMU 7), the Supernatant Pond (SWMU 11), Landfill 1 (SWMU 3), a group of buildings including the Liquid Fuels Facility/Building 1051 area, and a large rectangular area north of FTA 1 used for equipment storage and maintenance.

The histories of the FTA 1 and SP sites are described in Section 2.0 of this report. Both areas are characterized by groundwater impacted primarily by organic compounds and, to a lesser extent, metals. Potential impacts to groundwater are based on samples collected from monitoring wells installed in the HWBZ, USZ, LSZ, and two wells in the LLSZ (2-134C and 85D). Laboratory analytical results for Subunits 2A and 2C are summarized in **Appendix A**.

4.2.4.1 Hennessey Water Bearing Zone

Within Subunit 2A, the Hennessey is less than 20 feet thick and has little to no saturated zone. Therefore, no HWBZ wells are completed here.

Within Subunit 2C, the HWBZ is approximately 20 feet thick or thicker in the vicinity of Landfill 1 south of Crutcho Creek, but is absent as a separate water-bearing zone north of the creek. The three wells designated as HWBZ in Subunit 2C (1B, 85A, and 2-123B) extend into the USZ. Although these wells are listed as Hennessey wells, it is presumed that saturation of the HWBZ on the north side of Crutcho Creek is maintained by semi-confined groundwater from the USZ, with some contribution from precipitation to the HWBZ at the ground surface. HWBZ and USZ water levels are virtually identical in this area. North / northeast of the creek, the Hennessey begins to thin, and is primarily recharged from the surface and perched zones above the USZ water table. Groundwater flow direction in the HWBZ where it exists south of Crutcho Creek within Subunit 2C is toward the northeast.

HWBZ Organic Constituents

TCE was not detected in any of the three HWBZ wells sampled in Subunit 2C; all but well 2C were sampled (see **Figure 4-2**[1]). Cis-1,2-DCE was detected in well 1B at a concentration below the MCL (**Figure 4-3**[1]). No pesticides, and only one phthalate compound, likely a laboratory or field containment, were detected. **Table 4-16** lists the frequency of detection for samples collected in Subunit 2C in the HWBZ.

TABLE 4-16
Frequency of Detect for HWBZ Constituents, Subunit 2C (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	3	2	66.7%	0.005	B	0.005	B	mg/L	0.05
SW6010	Barium	3	3	100.0%	1.33	=	0.286	=	mg/L	2
SW6010	Chromium, Total	3	1	33.3%	0.003	B	0.003	B	mg/L	0.1
SW6010	Lead	3	1	33.3%	0.003	B	0.003	B	mg/L	0.015
SW6010	Nickel	3	3	100.0%	0.015	=	0.003	B	mg/L	
SW6010	Silver	3	1	33.3%	0.002	B	0.002	B	mg/L	
SW8260	Cis-1,2-dichloroethene	3	1	33.3%	1.5	=	1.5	=	µg/L	70
SW8270	Di-n-butylphthalate	3	1	33.3%	3.3	B	3.3	B	µg/L	

Notes: = signifies detected value
B signifies estimated value

HWBZ Metals

Chromium, arsenic, and nickel were detected in the shallow groundwater in Subunit 2C (**Figures 4-4**[1], **4-5**[1], and **4-6**[1]). Over half of the data were qualified, and none of the detected concentrations exceeded MCLs. Barium and lead were also detected at concentrations below

MCLs. The relatively low contaminant concentrations in shallow groundwater suggest that this zone in Subunits 2A and 2C does not contribute to groundwater contamination in Subunits 2D and 2E.

4.2.4.2 Upper Saturated Zone

USZ Organic Constituents

Tables 4-17 and **4-18** list the frequency of detection for samples collected from USZ wells in Subunits 2A and 2C in 1998 and 1999.

The most frequently detected chlorinated organic compounds are TCE, cis-1,2-DCE, and vinyl chloride (**Figures 4-7**[1] through **4-11**[1], and **Figures 4-12**[1] and **4-13**[1]). The distribution of these compounds in Subunit 2A and Subunit 2C is characterized by the maximum detected concentration near the middle of each area, with flow west-southwest, consistent with groundwater flow in this area. Low concentrations of these three compounds in monitoring well 9A located near the southern extent of Subunit 2C and monitoring well 2AR located near the northern extent of Subunit 2D are currently interpreted to suggest that Subunit 2C does not contribute significantly to groundwater contamination in Subunit 2D. Additionally, the highest-concentration portion of the 2C contaminant plume appears to be separated from the 2D plume by Crutcho Creek.

Vinyl chloride distribution appears to be somewhat more limited. Although there are several MCL exceedances of all three compounds in both Subunit 2A and Subunit 2C, the horizontal extent of each plume appears to be defined to the south and west by non-detects in downgradient wells, and there is no off-base migration. The distribution of 1,2-DCA in these two areas is significantly more limited in concentration and horizontal extent than the other three compounds (**Figure 4-14**[1] and **4-16**[1]).

Within Subunit 2C, the chlorinated hydrocarbon plume appears to cross Crutcho Creek. Most of the time, the reach of this creek that flows north through the western portions of both Subunit 2A and Subunit 2C is a gaining stream (PES, March 1997). During these periods, it can capture both HWBZ and USZ groundwater, as shown on Cross-Sections 2I-2I' and 2L-2L' (**Figure 3-13**[1] and **Figure 3-16**[1], respectively). However, both saturated zones are known to fluctuate seasonally. Therefore, part of the year, contaminants in the primary flow path (i.e., the USZ) may pass beneath Crutcho Creek. The most recent results of surface water monitoring on the creek indicate that some contamination may be entering the creek from groundwater discharge. Surface water samples from Station S-13 on Crutcho Creek in May 1998 exhibited acetone at 6.5 µg/L, and in October 1998 exhibited 1,2-DCA at 1.8 µg/L (PES, April 1999).

TABLE 4-17
Frequency of Detect for USZ Constituents, Subunit 2A
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Minimum Detection		Maximum Detection		Units	MCL
Oct-Dec 1998										
SW6010	Arsenic	10	7	70.0%	0.011	=	4.6	B	mg/L	0.05
SW6010	Barium	10	10	100.0%	6.75	=	121	=	mg/L	2
SW6010	Chromium, Total	10	7	70.0%	0.844	=	2.5	B	mg/L	0.1

TABLE 4-17 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2A
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Minimum Detection		Maximum Detection		Units	MCL
SW6010	Lead	10	1	10.0%	0.003	=	3.3	=	mg/L	0.015
SW6010	Nickel	10	10	100.0%	0.544	=	1.4	B	mg/L	
SW8080	Alpha-chlordane	10	1	10.0%	0.034	=	0.034	=	µg/L	
SW8080	Gamma-chlordane	10	1	10.0%	0.043	P	0.043	P	µg/L	
SW8260	1,1,1-Trichloroethane	10	3	30.0%	3	=	0.7	B	µg/L	5
SW8260	1,1-Dichloroethane	10	4	40.0%	8.8	=	2.2	=	µg/L	5
SW8260	1,1-Dichloroethene	10	1	10.0%	4	=	4	=	µg/L	5
SW8260	1,1-Dichloropropene	10	1	10.0%	1.3	=	1.3	=	µg/L	5
SW8260	1,2-Dichlorobenzene	10	2	20.0%	2.3	=	1.8	=	µg/L	600
SW8260	1,2-Dichloroethane	10	4	40.0%	6.7	=	2.1	=	µg/L	5
SW8260	1,2-Dichloropropane	10	2	20.0%	11	=	0.8	B	µg/L	5
SW8260	1,3-Dichloropropane	10	1	10.0%	1.5	=	1.5	=	µg/L	
SW8260	1,4-Dichlorobenzene	10	1	10.0%	0.7	B	0.7	B	µg/L	75
SW8260	Acetone	10	1	10.0%	12	=	12	=	µg/L	
SW8260	Benzene	10	3	30.0%	79	=	0.7	B	µg/L	5
SW8260	Carbon Tetrachloride	10	4	40.0%	120	E	0.7	B	µg/L	5
SW8260	Chloroethane	10	1	10.0%	1.7	=	1.7	=	µg/L	
SW8260	Cis-1,2-dichloroethene	10	7	70.0%	110	=	1	B	µg/L	70
SW8260	Dibromochloromethane	10	6	60.0%	8.7	=	0.7	B	µg/L	
SW8260	Ethylbenzene	10	1	10.0%	8.6	=	8.6	=	µg/L	700
Sept-Nov 1999										
SW6010	Barium	10	10	100.0%	0.147	B	9.57	=	mg/L	2
SW6010	Chromium, Total	10	7	70.0%	0.0057	J	0.0998	=	mg/L	0.1
SW6010	Lead	10	1	10.0%	0.0045	=	0.0045	=	mg/L	0.015
SW6010	Nickel	10	8	80.0%	0.0088	J	0.0207	B	mg/L	
SW8080	Delta-BHC	10	1	10.0%	0.17	J	0.17	J	ug/L	
SW8260	1,1,1-Trichloroethane	10	1	10.0%	2	J	2	J	ug/L	
SW8260	1,1-Dichloroethane	10	3	30.0%	6.1	=	10	=	ug/L	
SW8260	1,1-Dichloroethene	10	2	20.0%	2.8	J	7.3	J	ug/L	
SW8260	1,1-Dichloropropene	10	1	10.0%	1.9	=	1.9	=	ug/L	
SW8260	1,2-Dichlorobenzene	10	2	20.0%	1.6	=	2.2	=	ug/L	600
SW8260	1,2-Dichloroethane	10	4	40.0%	2.2	J	58	J	ug/L	5
SW8260	1,2-Dichloropropane	10	3	30.0%	1	J	8.5	=	ug/L	
SW8260	1,3-Dichlorobenzene	10	1	10.0%	0.5	J	0.5	J	ug/L	
SW8260	1,3-Dichloropropane	10	1	10.0%	1.5	=	1.5	=	ug/L	
SW8260	1,4-Dichlorobenzene	10	1	10.0%	0.5	J	0.5	J	ug/L	75
SW8260	Acetone	10	1	10.0%	1	J	1	J	ug/L	

TABLE 4-17 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2A
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Minimum Detection		Maximum Detection		Units	MCL
SW8260	Benzene	10	3	30.0%	0.5	J	71	=	ug/L	5
SW8260	Carbon Tetrachloride	10	3	30.0%	1.2	J	450	J	ug/L	
SW8260	Chloroform	10	3	30.0%	5	=	93	=	ug/L	100
SW8260	Cis-1,2-dichloroethene	10	7	70.0%	1	J	77	J	ug/L	70
SW8260	Dichlorodifluoromethane	10	3	30.0%	0.5	J	3.3	J	ug/L	
SW8260	Ethylbenzene	10	1	10.0%	7.4	=	7.4	=	ug/L	
SW8260	Isopropylbenzene (Cumene)	10	2	20.0%	0.7	J	8.5	=	ug/L	
SW8260	m&p-Xylenes	10	1	10.0%	1.5	=	1.5	=	ug/L	
SW8260	n-Butylbenzene	10	1	10.0%	0.7	J	0.7	J	ug/L	
SW8260	n-Propylbenzene	10	2	20.0%	0.7	J	8.1	=	ug/L	
SW8260	Tert-butylbenzene	10	2	20.0%	1.1	=	1.6	=	ug/L	
SW8260	Tetrachloroethene	10	5	50.0%	15	=	7	=	ug/L	5
SW8260	Toluene	10	2	20.0%	0.6	J	1.5	=	ug/L	1000
SW8260	Trans-1,2-dichloroethene	10	2	20.0%	0.9	J	3.4	=	ug/L	
SW8260	Trichloroethene	10	4	40.0%	5.6	=	120	=	ug/L	5
SW8260	Vinyl Chloride	10	4	40.0%	0.7	J	7.4	=	ug/L	2
SW9060	Total Organic Carbon	10	7	70.0%	0.42	=	9.8	=	mg/L	

Notes: = signifies detected value
B signifies estimated value
J signifies a value estimated below detection limits

TABLE 4-18
Frequency of Detect for USZ Constituents, Subunit 2C
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
Oct-Dec 1998										
SW6010	Arsenic	12	5	41.7%	0.035	=	0.004	B	mg/L	0.05
SW6010	Barium	12	12	100.0%	2.55	=	0.29	=	mg/L	2
SW6010	Chromium, Total	12	5	41.7%	0.279	=	0.005	B	mg/L	0.1
SW6010	Nickel	12	11	91.7%	0.971	=	0.001	B	mg/L	
SW8260	1,1-Dichloroethane	12	1	8.3%	0.9	B	0.9	B	µg/L	
SW8260	1,2,3-Trichlorobenzene	12	1	8.3%	16	=	16	=	µg/L	
SW8260	1,2,4-Trichlorobenzene	12	2	16.7%	72	=	0.6	B	µg/L	
SW8260	1,2-Dichlorobenzene	12	1	8.3%	0.7	B	0.7	B	µg/L	600
SW8260	1,2-Dichloroethane	12	1	8.3%	0.7	B	0.7	B	µg/L	5

TABLE 4-18 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2C
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW8260	1,3-Dichlorobenzene	12	1	8.3%	3.5	=	3.5	=	µg/L	
SW8260	1,4-Dichlorobenzene	12	3	25.0%	4.6	=	0.6	B	µg/L	75
SW8260	Acetone	12	1	8.3%	4.3	B	4.3	B	µg/L	
SW8260	Carbon Tetrachloride	12	1	8.3%	0.5	B	0.5	B	µg/L	5
SW8260	Chlorobenzene	12	3	25.0%	4.1	=	0.5	B	µg/L	100
SW8260	Chloroform	12	2	16.7%	2.6	=	0.5	B	µg/L	100
SW8260	Cis-1,2-dichloroethene	12	9	75.0%	220	=	0.7	B	µg/L	
SW8260	Dichlorodifluoromethane	12	8	66.7%	17	=	0.6	B	µg/L	
SW8260	Methylene Chloride	12	2	16.7%	1.8	=	0.5	B	µg/L	5
SW8260	Tetrachloroethene	12	7	58.3%	97	=	0.6	B	µg/L	5
SW8260	Toluene	12	1	8.3%	9.2	=	9.2	=	µg/L	1,000
SW8260	Trans-1,2-dichloroethene	12	2	16.7%	0.7	B	0.6	B	µg/L	
SW8260	Trichloroethene	12	9	75.0%	150	=	1.5	=	µg/L	5
SW8260	Vinyl Chloride	12	2	16.7%	69	=	2.8	=	µg/L	2
SW8270	1,2,4-Trichlorobenzene	12	1	8.3%	52	=	52	=	µg/L	70
SW8270	1,3-Dichlorobenzene	12	1	8.3%	2.2	B	2.2	B	µg/L	
SW8270	1,4-Dichlorobenzene	12	1	8.3%	3.3	B	3.3	B	µg/L	75
SW8270	Di-n-butylphthalate	12	1	8.3%	6.6	B	6.6	B	µg/L	
SW8270	Diethylphthalate	12	1	8.3%	3	B	3	B	µg/L	
SW9060	Total Organic Carbon	12	11	91.7%	48.8	=	0.69	=	mg/L	
SW9310	Flame Gross Alpha	2	2	100.0%	5.2	=	3.7	=	pCi/L	
SW9310	Flame Gross Beta	2	2	100.0%	8.9	=	3.1	=	pCi/L	
SW9315	Radium-226, Activity	2	2	100.0%	1.6	=	0.2	=	pCi/L	
SW9320	Radium-228, Activity	2	2	100.0%	0.3	=	0.1	=	pCi/L	
Sept-Nov 1999										
SW6010	Arsenic	12	1	8.3%	0.0142	=	0.0142	=	mg/L	0.05
SW6010	Barium	12	12	100.0%	0.709	=	1	=	mg/L	2
SW6010	Chromium, Total	12	6	50.0%	0.0015	J	0.47	=	mg/L	0.1
SW6010	Nickel	12	10	83.3%	0.0022	J	0.106	=	mg/L	
SW8260	1,2,3-Trichlorobenzene	12	1	8.3%	18	=	18	=	ug/L	
SW8260	1,2,4-Trichlorobenzene	12	1	8.3%	69	=	69	=	ug/L	
SW8260	1,2-Dichlorobenzene	12	1	8.3%	0.6	J	0.6	J	ug/L	600
SW8260	1,2-Dichloroethane	12	1	8.3%	0.7	J	0.7	J	ug/L	5

TABLE 4-18 (CONTINUED)
Frequency of Detect for USZ Constituents, Subunit 2C (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW8260	1,3-Dichlorobenzene	12	1	8.3%	2.8	=	2.8	=	ug/L	
SW8260	1,4-Dichlorobenzene	12	1	8.3%	4.7	=	4.7	=	ug/L	75
SW8260	Acetone	12	2	16.7%	1	J	1	J	ug/L	
SW8260	Benzene	12	1	8.3%	0.7	J	0.7	J	ug/L	5
SW8260	Chlorobenzene	12	2	16.7%	1.2	=	1.9	=	ug/L	100
SW8260	Chloroform	12	1	8.3%	2.3	=	2.3	=	ug/L	100
SW8260	Cis-1,2-dichloroethene	12	8	66.7%	0.6	J	14	=	ug/L	70
SW8260	Dichlorodifluoromethane	12	6	50.0%	0.7	J	7.6	J	ug/L	
SW8260	Tetrachloroethene	12	5	41.7%	1	J	96	=	ug/L	5
SW8260	Trans-1,2-dichloroethene	12	2	16.7%	0.8	J	1.9	=	ug/L	
SW8260	Trichloroethene	12	8	66.7%	0.6	J	67	=	ug/L	5
SW8260	Vinyl Chloride	12	1	8.3%	87	=	87	=	ug/L	2
SW8270	1,2,4-Trichlorobenzene	12	2	16.7%	1.4	J	53	=	ug/L	
SW8270	1,3-Dichlorobenzene	12	1	8.3%	1.8	J	1.8	J	ug/L	
SW8270	1,4-Dichlorobenzene	12	1	8.3%	3.5	J	3.5	J	ug/L	75
SW9060	Total Organic Carbon	12	9	75.0%	2.2	J	12.2	=	mg/L	

Notes: = signifies detected value J signifies a value estimated below detection limits
B signifies estimated value

One possibility to explain the presence of chlorinated hydrocarbon contamination of USZ groundwater in Subunits 2A and 2C is that the contaminants may have originated from previous leaching/vertical migration of constituents from contaminated soils upgradient of the plumes, possibly during the operational period of the SP in Subunit 2C. However, in some cases, compounds found in USZ groundwater were not found in the overlying soils at the same sites. Some of these sites, such as the former Pesticide Storage Area, FTA 1, and the RWDSs in Subunit 2C, have since been closed under NFRAP. It also should be noted that the Sludge Drying Bed site has been clean-closed for soils, but not under NFRAP. Therefore, alternative possibilities could be a contaminant source or sources east of Subunits 2A and 2C, or degradation of PCE, a formerly detected groundwater contaminant in this area, and TCE. Neither Landfill 1 in Subunit 2C nor the other landfills in Subunits 2D and 2E is believed to be a source for the observed groundwater contamination in this area.

1,1-DCA also exceeded its MCL of 5 µg/L in monitoring well 2-67A at 8.8 µg/L. Several other VOCs were detected below MCLs for both the 1998 and 1999 sampling events. Five SVOCs were detected below MCLs in 1998, and three were detected in 1999. In Subunit 2A , low levels of the alpha- and gamma-Chlordane were detected in 1998, and delta-BHC in 1999; there are no MCLs for any of these pesticide compounds.

USZ Metals

Arsenic was detected in several Subunit 2A and 2C wells in 1998 and 1999 at concentrations below the MCL; most of the data were qualified (**Figure 4-17**[1] and **Figure 4-18**[1]). In general,

the wells exhibiting chromium and nickel concentrations above MCLs are located in the northeast portion of Subunit 2A and northeast of Subunit 2C (**Figures 4-19[1] through 4-22[1]**). However, similar to Subunits 2D and 2E, the concentration and distribution of these two metals are variable and inconsistent in this part of the Base. The source of these constituents could be activities at base facilities located near these wells, but is more likely to be well screen corrosion, which has been studied basewide by IT.

Barium and lead also were detected at concentrations below MCLs.

4.2.4.3 Lower Saturated Zone

LSZ Organic Constituents

TCE is the primary groundwater contaminant in Subunits 2A and 2C. TCE was detected above the MCL in six wells in Subunit 2A (up to 34 µg/L) and at 36 µg/L in well 2-20A in Subunit 2C (**Figure 4-23[1]**). TCE migration in Subunit 2A is consistent with groundwater flow in the LSZ; the horizontal extent of contamination is defined by downgradient wells to the south and west. Cis-1,2-DCE was detected in the same seven wells at concentrations below the MCL (**Figure 4-24[1]**).

Because the distribution of TCE and cis-1,2-DCE in the LSZ is similar to that in the USZ, these constituents are presumed to have migrated from that groundwater zone, and not from a source to the east. **Tables 4-19** and **4-20** list the frequency of detection for samples collected in Subunits 2A and 2C in the LSZ. The parameters 1,2-DCA, carbon tetrachloride, and chloroform also were detected above their MCLs in the LSZ.

TABLE 4-19
Frequency of Detect for LSZ Constituents, Subunit 2A (Oct-Dec1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	11	8	72.7%	0.0136	=	0.0046	B	mg/L	.05
SW6010	Barium	11	11	100.0%	0.7	=	0.172	=	mg/L	2
SW6010	Chromium, Total	11	8	72.7%	0.095	=	0.0021	B	mg/L	0.1
SW6010	Nickel	11	11	100.0%	0.677	=	0.001	B	mg/L	
SW8260	1,1-Dichloroethene	11	1	9.1%	0.6	B	0.6	B	µg/L	7
SW8260	1,2-Dichloroethane	11	7	63.6%	40	=	0.6	B	µg/L	5
SW8260	1,2-Dichloropropane	11	4	36.4%	2.8	=	0.7	B	µg/L	5
SW8260	Acetone	11	1	9.1%	4.5	B	4.5	B	µg/L	
SW8260	Carbon Tetrachloride	11	8	72.7%	220	=	1.8	=	µg/L	5
SW8260	Chloroform	11	8	72.7%	670	=	0.8	B	µg/L	100
SW8260	Cis-1,2-dichloroethene	11	6	54.5%	19	=	0.7	B	µg/L	70
SW8260	Methylene Chloride	11	4	36.4%	1.2	=	0.6	B	µg/L	5
SW8260	Tetrachloroethene	11	2	18.2%	1	B	0.5	B	µg/L	5

TABLE 4-19 (CONTINUED)
Frequency of Detect for LSZ Constituents, Subunit 2A (Oct-Dec1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection	Minimum Detection	Units	MCL
SW8260	Trichloroethene	11	8	72.7%	34 =	1.2 =	µg/L	5
SW8270	2-Nitroaniline	11	1	9.1%	9.7 B	9.7 B	µg/L	
SW8270	Di-n-butylphthalate	11	3	27.3%	5.6 B	1.5 B	µg/L	

Notes: = signifies detected value
B signifies estimated value

TABLE 4-20
Frequency of Detect for LSZ Constituents, Subunit 2C (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent Of Detections	Maximum Detection	Minimum Detection	Units	MCL
SW6010	Arsenic	12	6	50.0%	0.0072 B	0.0044 B	mg/L	.5
SW6010	Barium	12	12	100.0%	1.93 =	0.351 =	mg/L	2
SW6010	Chromium, Total	12	6	50.0%	0.0291 =	0.0024 B	mg/L	0.1
SW6010	Lead	12	1	8.3%	0.004 =	0.004 =	mg/L	
SW6010	Nickel	12	11	91.7%	0.107 =	0.0011 B	mg/L	
SW8260	1,2-Dichlorobenzene	12	1	8.3%	0.6 B	0.6 B	µg/L	600
SW8260	1,2-Dichloroethane	12	3	25.0%	6.3 =	1.3 =	µg/L	5
SW8260	Acetone	12	2	16.7%	3 B	0.6 B	µg/L	
SW8260	Carbon Tetrachloride	12	2	16.7%	1.7 =	1.3 =	µg/L	5
SW8260	Chloroform	12	3	25.0%	3.9 =	0.6 B	µg/L	100
SW8260	Cis-1,2-dichloroethene	12	1	8.3%	6.3 =	6.3 =	µg/L	70
SW8260	Dibromochloromethane	12	2	16.7%	0.7 B	0.7 B	µg/L	100
SW8260	Methylene Chloride	12	2	16.7%	0.7 B	0.6 B	µg/L	5
SW8260	Naphthalene	12	1	8.3%	0.9 B	0.9 B	µg/L	
SW8260	Trichloroethene	12	3	25.0%	36 =	2.1 =	µg/L	5

Notes: = signifies detected value
B signifies estimated value

LSZ Metals

Metals detected in groundwater samples collected from the LSZ in Subunits 2A and 2C included chromium, arsenic, and nickel. (**Figures 4-25[1], 4-26[1]**, and **4-27[1]**). Detected concentrations of arsenic and chromium were below their respective MCLs. Barium and lead were detected at concentrations below MCLs.

Potential sources for elevated nickel concentrations in groundwater are not readily apparent. Nickel concentrations in soil samples collected from the area were below background levels, indicating that contaminated soil is not a likely source. Further, the

spatial distribution of nickel and other metals detected in groundwater in Subunits 2A and 2C do not suggest ongoing point sources.

4.2.4.4 Lower-Lower Saturated Zone

LLSZ Organic Constituents

None of the organic COPCs were detected in two groundwater samples collected from LLSZ wells, one each in Subunit 2A and Subunit 2C. No VOCs, SVOCs or pesticides / PCBs were detected in this portion of the LLSZ.

LLSZ Metals

Arsenic was detected in the samples from wells 85D in Subunit 2C at a qualified concentration well below the MCL. Chromium and barium also were detected in both wells, all at concentrations below MCLs. **Tables 4-21** and **4-22** list the frequency of detection for samples collected in Subunits 2A and 2C in the LLSZ.

TABLE 4-21
Frequency of Detect for LLSZ Constituents, Subunit 2A (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Barium	1	1	100.0%	0.831	=	0.831	=	mg/L	2
SW6010	Chromium, Total	1	1	100.0%	0.0134	=	0.0134	=	mg/L	0.1
SW6010	Nickel	1	1	100.0%	0.0268	=	0.0268	=	mg/L	

Notes: = signifies detected value
B signifies estimated value

TABLE 4-22
Frequency of Detect for LLSZ Constituents, Subunit 2C (Oct-Dec 1998)
Tinker AFB, Oklahoma

Analytical Method	Parameter	Total Samples	Total Detections	Percent of Detections	Maximum Detection		Minimum Detection		Units	MCL
SW6010	Arsenic	1	1	100.0%	0.0044	B	0.0044	B	mg/L	0.05
SW6010	Barium	1	1	100.0%	0.452	=	0.452	=	mg/L	2
SW6010	Chromium, Total	1	1	100.0%	0.0076	=	0.0076	=	mg/L	0.1
SW6010	Nickel	1	1	100.0%	0.0042	=	0.0042	=	mg/L	

Notes: = signifies detected value
B signifies estimated value

4.3 Surface Water and Sediment Characterization

Low streamflow is the dominant condition at Tinker AFB, with high flow conditions representing a small fraction of the average daily streamflow (PES, March 1997). Crutcho Creek receives surface runoff from most of the ten sites in the CG038 area. In addition, the entire portion of the Crutcho Creek downstream from the eastern boundary of CG038 is generally a gaining stream except locally where the channel depth has been altered by Tinker. Contaminated shallow groundwater from sites downstream from the eastern boundary of CG038, FTA 1, AOC Drainage Spillway, Supernatant Pond, Landfills 1 through 4, could potentially discharge to the stream when Crutcho Creek is gaining base flow from the USZ.

Several studies have investigated potential surface water and sediment contamination in Crutcho Creek. In 1992, Tinker AFB prepared a Record of Decision that included Crutcho Creek (PES, March 1996). The purpose of the Record of Decision was to present remedial action for Crutcho Creek, Kuhlman Creek, and tributaries of Elm Creek. The selected remedy was a long-term monitoring program for the creeks.

Since 1995, Tinker AFB has been sampling and monitoring stream sediment and surface water semi-annually in Crutcho and Kuhlman Creeks (PES, April 1999). Since the locations along Kuhlman Creek are not hydrologically related to site CG038, they are not considered further in this report. **Figure 4-28** shows where sediment and water samples were collected on Crutcho Creek. All water and sediment samples were analyzed for VOCs, SVOCs, pesticides and PCBs, and 16 metals. Water samples were also tested for TOC, specific conductance, temperature, pH, and dissolved oxygen.

Sample analyses from the PES studies indicate relatively persistent surface water and sediment contamination along one reach of Crutcho Creek on Tinker AFB. Contaminants identified include both organic and inorganic constituents. The contamination has primarily been detected adjacent to Landfills 1 through 4 (near Vanaman Road). Contaminated sediments were not detected further downstream between the landfills and the downstream (northwest) boundary of the base.

Sediment monitoring results from 1995 through 1998 indicated elevated metals concentrations, compared to background concentrations of aluminum, cadmium, chromium, copper, lead, nickel, and zinc. Metals have been the only constituents consistently detected in surface sediments of Crutcho Creek (PES, April 1999). Subsurface sediments taken from a depth of 3 feet in Crutcho Creek consistently show lower levels of metals than surface sediments.

Surface water analytical results from 1995 through 1998 indicate no fundamental change in either surface water composition or concentration. VOC results in all sampling events indicated random contamination that was inconclusive of any spatial or temporal trends. Detected contaminants are primarily chlorinated VOCs, including the COPCs for the CG038 study area. Detected SVOCs are primarily phthalate compounds, which are common field and laboratory contaminants. Metals that exceeded the 99-percent confidence intervals for background concentrations included aluminum, iron, cadmium, chromium, lead, and zinc. No pesticides/PCBs were detected from any surface water samples collected during 4 years of Crutcho Creek monitoring (PES, April 1999).

A baseline human health risk assessment was performed for the 1995 stream monitoring program. The risk assessment was based on worst-case scenarios using the highest concentration levels detected in 1995. Results of the risk assessments did not indicate unacceptable risk or hazard due to exposure to contaminants which may be present as a result of Base-related activities. No elevated risk factors have appeared over the subsequent 3 years (PES, April 1999).

Long-term monitoring of surface water and sediments in Crutcho Creek reflect the trend that past contamination in both surface and surface sediments continue to exist, although at decreasing concentrations. The primary mechanism of contaminant migration in the surface sediments has been surface runoff and overland flow. The apparent and persistent metals contamination around the landfill areas is not migrating into the subsurface, as evidenced

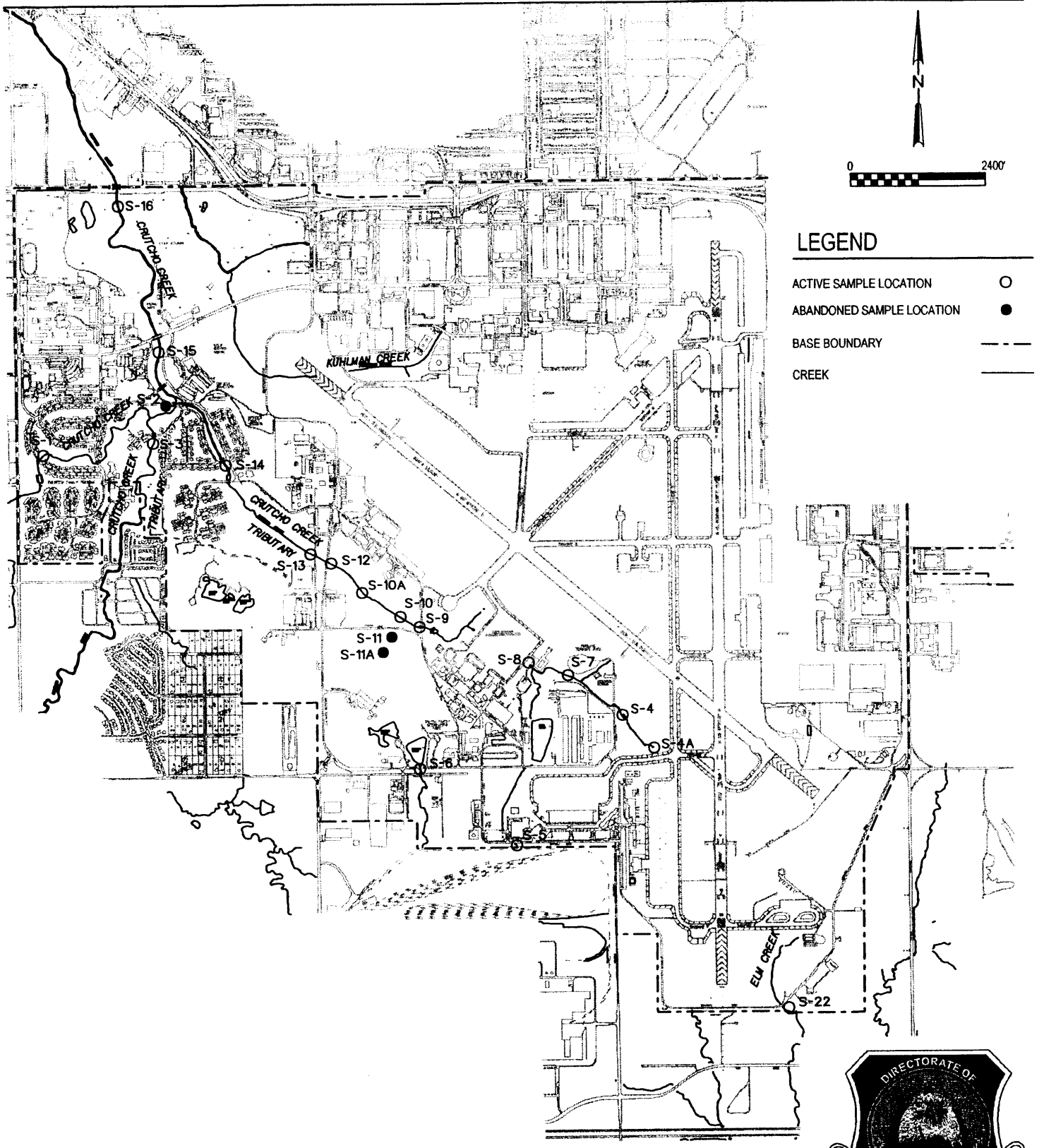

FIGURE 4-28
Crutcho Creek Sample Locations from Parsons E-S April 1999
Tinker AFB, Oklahoma

CH2MHILL

by the decrease in metals concentrations in the three-foot depth samples. This lack of metals in the subsurface indicates the following:

- No downward vertical migration of metals
- No lateral migration of metals into the creek from groundwater
- The primary pathway for contaminant migration is through surface water

4.4 Contaminant Characterization Summary

Soil data were evaluated as potential sources for contaminants observed in groundwater within the CG038 study area. Data collected during the course of the RI and subsequent RFIs were evaluated for Landfills 1 through 4; FTA 1; the SP; the AOC Drainage Spillway; and RWDSs 1030W, 62598, and 1022E. Groundwater data were evaluated from the October - December 1998 and September-November, 1999 southwest quadrant sampling events, as well as 2000-2001 sampling events on-base and 2001 sampling events off-base in the TVA to assess the nature, concentration, and distribution of contaminants. These data also were compared to MCLs and previous groundwater data from the Phase II RFI Addendum 1 Report (IT Corp., September 1999) to determine COPCs and evaluate any changes in the nature and extent of contamination since the previous sampling event. Other information reviewed as part of the site media characterization includes surface water and sediment data from Crutcho Creek, which flows northwest through the CG038 study area, and air data from the Landfills 2 and 4 passive gas collection systems, the groundwater treatment plant air stripper, and previously conducted soil gas surveys.

Chlorinated hydrocarbon contamination of groundwater within Subunits 2D and 2E is believed to be the result of migration of contaminants from the landfills (2, 3, and 4 in particular) and re-drumming and drum storage areas, either directly into the USZ (at locations where the landfill trenches have been incised below the base of the HWBZ) or via migration from the HWBZ. Groundwater contamination within Subunits 2A and 2C, both of which are being evaluated under a separate RFI by a different contractor, is believed to be the result of contaminant migration from the SP, FTA-1, and other unidentified sources east of this area.

4.4.1 Hennessey Water-Bearing Zone

The locations of HWBZ wells containing groundwater with the highest detections of TCE (exceeded MCL in only one well in Subunit 2E, Figure 4-2[1]) and cis-1,2-DCE generally correspond to wells that contain the highest concentrations of the same compounds in the USZ, which supports the theory that some of these contaminants are migrating vertically to the USZ. This is believed to take place in one of two ways: directly through landfill trenches incised into the USZ, or through transmissive zones and desiccation cracks in the HWBZ that are hydraulically connected to the USZ.

Arsenic, chromium, and nickel were detected frequently in the HWBZ, with chromium concentrations most often above MCLs. More chromium concentrations exceeding the MCL were observed for the 1998 and 1999 data than during previous sampling events. Although the metals were detected above reporting limits in Landfill 2 soils, few of the detected concentrations exceeded background or SSLs, and the spotty distribution of these three

constituents in groundwater does not support a single source. The presence of these metals could be partially or entirely attributed to corrosion of the stainless steel well screens.

Crutcho Creek is a major factor in groundwater flow and contaminant migration within CG038. It flows northwest through the study area and is characterized by low flow conditions, with seasonal fluctuations in streamflow. Upon entering the study area in the southeast, the creek is believed to make a transition from a losing stream to primarily a gaining stream within the study area. Adjacent to the landfills, it is normally in direct hydrologic contact with the USZ, which flows toward the creek only from the east-northeast.

Subsequently, one would expect this reach of Crutcho Creek to be contaminated by constituents from the landfill migrating northeast through the HWBZ. However, some of the Landfill 3 and Landfill 4 trenches are incised into the USZ, which results in HWBZ vertical flow; contaminant migration is dominated by vertical flow rather than lateral flow. Upon reaching the USZ, contaminants would migrate west-southwest. Further downstream around Subunit 2C, Crutcho Creek becomes a gaining stream. The creek's streamflow is dependent on the HWBZ for its base flow, in addition to direct precipitation and overland flow, although the USZ also contributes to the creek's base flow along this gaining reach, depending upon the season and the USZ water level. During these times, USZ contamination from sources in and upgradient of Subunits 2A and 2C could potentially discharge to the creek and contaminate surface water and sediment.

Crutcho Creek has been monitored since 1995. Results to date show that although concentrations of metals are relatively high in sediment collected downstream of the landfills, surface water collected from the same locations has not been impacted by metals, and has been impacted only slightly by organic contaminants detected in the HWBZ and USZ. In addition, these impacts appear to be decreasing with time. Base flow in Crutcho Creek is influenced by a number of factors. Depending on such factors as the location along the creek, seasonal fluctuations in the HWBZ and USZ, and the fact that there is no HWBZ north of the creek, base flow may derive from different sources in different areas of the creek at different times of the year. The primary mechanism of contaminant migration to Crutcho Creek would have most likely been surface runoff and overland flow, which has been mitigated by capping the landfills.

4.4.2 Upper Saturated Zone

TCE, a chlorinated hydrocarbon, is the most frequently-detected organic compound in the USZ. Historically, TCE concentrations in most monitoring wells in the Subunit 2D and Subunit 2E plumes have increased from 1995 until 2000. As discussed in Section 4.2.2, this may have been at least partially due to nearby extraction wells pulling contaminants from upgradient areas having higher concentrations. As evidenced by recent groundwater analyses from off-base monitoring wells, off-base migration of TCE at concentrations above the MCL has occurred in Subunit 2D (**Figure 4-9**[1]). However, TCE concentrations at base boundary wells and off-base well 2-333 did not increase between December, 1998 and November, 1999 in Subunit 2E. **Figure 4-29**[1] is a map showing results from four separate sampling events conducted approximately every three months from 2000 until the early portion of 2001. As indicated on this map, TCE concentrations were generally stable during this period.

The frequency of detection and the concentration of TCE degradation products, most notably cis-1,2-DCE, 1,2-DCA, and vinyl chloride, also increased from 1995 until 2000, particularly in Subunit 2E. This indicates that natural attenuation of TCE is likely occurring. Additionally, recent (2001) data from monitoring well 2-259D located just south of Landfill 3 indicates that natural attenuation is significant near the source of the Subunit 2D plume. The sample collected from this well had cis-1,2-DCE and vinyl chloride concentrations of 30,000 µg/L and 16,000 µg/L, respectively, compared to a TCE concentration of only 71 µg/L, indicating that the TCE is actively degrading to the daughter products.

Sampling of off-site monitoring wells and private water supply wells indicates that some organic contaminants have migrated off-site. As shown on **Figure 4-9**[1],TCE has migrated just beyond the western border of the Base. The compound was detected in one private well located near the northeast corner of the TVA at a concentration of 13.7 µg/L. This was the only off-base concentration of TCE exceeding the MCL of 5 µg/L.

The organic compound 1,2-DCA is also found in wells located just beyond the western border of the base in Subunit 2E as shown on **Figure 4-16**[1]. The sample collected from monitoring well 2-333B had a 1,2-DCA concentration of 7.2 µg/L compared to an MCL of 5 µg/L. During the 2000-2001 sampling events, 1,2-DCA concentrations appeared to have generally stabilized as shown on **Figure 4-30**[1]. This figure depicts the four separate sampling events conducted during this period of time. No 1,2-DCA is found at the western extent of contamination in Subunit 2D.

The groundwater in an area of the TVA appears to have been impacted by the presence of 1,2-DCA. The compound was detected in seven private wells located within the subdivision. The MCL of 5 µg/L was exceeded in only one of the wells (17 µg/L). Review of the 2001 potentiometric surface map (**Figure 3-23**[1]) and the 2001 1,2-DCA concentration map (**Figure 4-16**[1]) indicates that the presence of 1,2-DCA in groundwater underlying the TVA is not likely associated with activities at Tinker AFB.

The primary source of TCE contamination of groundwater in Subunit 2D on Tinker AFB is most likely the sludge pit and trench materials in Landfill 3 and, to a lesser extent, contaminated soils and waste material in the Landfill 4 trenches. The primary source of TCE groundwater contamination in Subunit 2E is believed to be the re-drumming and drum storage areas and, to a lesser extent, waste materials in Landfill 2and 4 trenches via eastward migration in the HWBZ. More investigation in the drum storage area may be warranted. An evaluation of the TCE distribution north of Landfill 1 and Crutcho Creek eliminates FTA 1, the SP, and other sites located in this area from further consideration as potential sources for observed contamination in Subunits 2D and 2E. The primary source of the other chlorinated hydrocarbon compounds, and a plausible reason for the observed increase in their concentrations since 1995, is believed to be chlorinated hydrocarbon degradation.

Similar to the HWBZ, the metals most frequently detected in the USZ are arsenic, chromium, and nickel, with distribution of these constituents more strongly indicating several localized sources (i.e., native concentrations of arsenic and corrosion of stainless steel screens in certain wells contributing to nickel and chromium detections), rather than a single source (**Figures 4-17**[1] through **4-22**[1]). It should be noted that all three are detected at concentrations exceeding MCLs in one or more USZ wells at the southern and western property boundaries. To date, hexavalent chromium has been detected only in well 10A within CG038.

4.4.3 Lower Saturated Zone

The LSZ serves as the "lower boundary" for most of the observed organic contamination in the USZ. Only one well in Subunit 2D had groundwater with a concentration of TCE just above the MCL (**Figure 4-23**[1]). The wells where this compound was observed, in addition to the few wells in which other organic compounds were detected below MCLs, generally correspond to wells having groundwater with relatively high concentrations of these same constituents in the USZ. This observation, in addition to the fact that there were so few detected organic compounds in the LSZ, supports the presumption that what little contamination reaches this groundwater zone likely migrates vertically from the USZ.

Similar to the HWBZ and USZ, the metals most frequently detected in the LSZ are arsenic, chromium, and nickel, with a similar *hot spot* distribution pattern to the one exhibited by the HWBZ and USZ, indicating multiple, localized sources (**Figures 4-25**[1] through **4-27**[1]). With one exception, (chromium in one Subunit 2D well) arsenic and chromium concentrations were below MCLs. Most of the nickel detections above the MCL were in wells north of Subunit 2D (**Figure 4-27**[1]). None of the nickel concentrations exceeding MCLs are close to the base boundary.

4.4.4 Lower-Lower Saturated Zone

Consistent with previous analytical results, no organic contamination above MCLs was observed in this groundwater zone as a result of the October – December 1998 and September – November 1999 sampling events.

Arsenic, chromium, and nickel were detected; however, chromium and nickel were detected in all ten wells in Subunit 2E. The frequency of detection and concentration of elevated chromium and nickel generally was greater for the LLSZ wells than the LSZ wells in the same area. As a result, and because no upgradient source is apparent, it is probable that the presence of these contaminants in LLSZ groundwater can be attributed to stainless steel well screen corrosion which IT Corp. is evaluating basewide, or to natural sources.

4.5 Air Contaminants

Air contaminants associated with Site CG038 are addressed in the following two ways:

- Relative to the landfill gas venting system currently installed in Landfills 2 and 4, and
- Relative to air stripper emissions from the groundwater treatment system.

4.5.1 Landfill Gas

As part of the landfill cap construction for Landfills 2 and 4, a passive gas collection system consisting of gas vents connected to a drainage net (two-sided geocomposite material) bound on both sides was constructed to vent landfill gases from beneath the geomembrane layer (IT Corp., June 1999). These gases are vented directly to the atmosphere. After the gas vent system was designed, gas was observed to be bubbling through surface water at Landfill 4. Therefore, additional vents were installed to enhance gas venting (IT Corp., June 1999).

In 1999, Tinker AFB performed a landfill gas survey for Landfills 1 through 6. The objective was to collect air emissions data so that landfill closure plans could be prepared (Tetra Tech, Inc., August 1999). The data collected included the following:

- Analytical results of background air samples
- Analytical results of ambient air samples from Landfill 1
- Analytical results of air samples from the perimeter drainpipe outlets at Landfill 1
- Air flow rate measurements from existing landfill vents and perimeter drain pipe outlets at Landfills 2 and 4
- Estimate of the rate of release of landfill constituents from the landfill vents at Landfills 2 and 4

Airflow was only detected from the vents and perimeter drain pipes of Landfill 4. Landfill vents do not exist at Landfills 1, 2, and 3. Fifty-nine air samples were collected from the six landfills (two of which are located outside of CG038). The air samples contained the following organic constituents at concentrations greater than the reporting detection limit: chloromethane, vinyl chloride, chloroethane, methylene chloride, acetone, trichlorofluoromethane, 1,1-dichloroethene, 1,1-dichloroethane, 2-butanone, 1,1,1-trichloroethane, trichloroethene, 1,1,2-trichloroethane, benzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 2-hexanone, tetrachoroethene, toluene, chlorobenzene, ethylbenzene, 4-ethyltoluene, dichlolordifluoromethane, freon 114, cis-1,2-dichloroethene, trans-1,2-dichloroethene, m,p-xylene, o-xylene, 1,4-dichlorobenzene, carbon disulfide, methane, and carbon dioxide. Hydrogen sulfide and radon were not detected in any samples.

The maximum estimated total rates of release from Landfills 1 through 4 are as follows:

- Landfill 1 is less than 1 pound per year
- Landfill 2 is about 1,000 pounds per year
- Landfill 3 is less than 1 pound per year
- Landfill 4 is about 5,200 pounds per year

The maximum rates of release of contaminants for each of these landfills are estimated as follows:

Landfill 1: 5×10^{-7} (methylene chloride) to 7×10^{-6} (toluene) pounds per year per drainpipe outlet

Landfill 2: 7×10^{-7} (methylene chloride) to 3×10^{-3} (dichlordifluoromethane) pounds per year per vent

Landfill 3: 5×10^{-7} (1,3,5-trimethylbenzene) to 1×10^{-5} (toluene) pounds per year per drainpipe

Landfill 4: from 3 vents, 2×10^{-4} (4-ethylbenzene) to 927 (carbon dioxide) pounds per year per vent; from 14 other vents, 4×10^{-6} (dichlordifluoromethane) to 34 (carbon dioxide) pounds per year per vent

4.5.2 Air Stripper Emissions

Estimated maximum and average emission rates from air stripping of groundwater recovered from the USZ were calculated and documented in the Groundwater Interim Action Plan, Southwest Quadrant (IT Corp., December 1996). The maximum total estimated emission rate for all organic compounds, assuming treatment of 20 gallons per minute (gpm) of groundwater, is approximately 0.015 lb/hr. Actual operating data show lower average flow rates and lower contaminant concentrations those was used in the calculated air emissions (Keith Buehler, personal communication, February 2000).

State air emission regulations (Oklahoma Administrative Code, OAC 252:100-7-2) do not require a permit for an air discharge if the following conditions are met:

- Emission rates are less than 1 lb/hr of criteria pollutants
- Toxic emissions are below de minimus levels
- The new source is not subject to New Source Performance Standards (NSPS) or National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements.

De mimimus levels are defined as less than 1,200 lbs/yr and 0.57 lb/hr of Type A (high toxicity) compounds (OAC 252:100-41-43 [a][5]). Calculated total emission rate (0.015 lb/hr) from the treatment plans for all pollutants is well below the *de minimus* level of 0.57 lb/hr. TCE is the primary air pollutant with a calculated, average emission rate of about 0.011 lb/hr (IT Corp., December 1996).

4.6 Subsurface Gas Contamination

Soil gas investigations have been conducted at three of the sites within the CG038 area: the Supernatant Pond and Landfills 2 and 4.

The USACE collected 22 soil gas samples at the SP in 1989 (USACE, 1990). The soil gas survey showed very low concentrations of TCA, TCE, and total hydrocarbons at several locations (CDM, August 1991).

In April 1990, the USACE conducted a soil gas survey of Landfill 2 as part of a landfill boundary investigation for the landfill cover system design (USACE, 1993). The soil gas survey consisted of placing subsurface soil samples in jars for headspace analysis with Draeger tubes (vinyl chloride, acetone, and trichloroethane) and photoionization detector measurements for VOCs. Based on the results, borings were located outward from the Landfill 2 trenches until a line of borings void of any detectable contamination was established (IT Corp., April 1999).

A soil gas investigation of Landfills 2 and 4 was conducted by Tracer Corporation in July 1989 and March 1990. The purpose of the investigation was to define the nature and extent of volatiles present in the subsurface, and to assist in determining the placement of borings for additional soil and groundwater investigations. A total of 114 soil/gas samples was collected at the two landfills, and the samples were analyzed for the following compounds:

- 1,1,1-Trichloroethane
- Trichloroethene

- Tetrachloroethane
- Methane
- Benzene, toluene, ethyl benzene, and xylene
- TPH

The 1989 results showed only benzene, toluene, and TPH at significant levels at one sampling location at Landfill 2. The March 1990 investigation was conducted to obtain qualitative information on the gases at the landfill surface. The results indicated areas of localized soil/gas contamination on Landfill 2 for all the screened compounds except methane. Methane was detected consistently across the landfill area, with concentrations decreasing rapidly at the Landfill 2 boundaries. Methane concentrations in the ambient air samples collected near the surface of Landfill 2 were in the 1 to 2 µg/L range, while the maximum concentration of methane found in the shallow soil was 18,000 µg/L at the western edge of Landfill 2 near the Landfill 4 boundary. Methane was also detected consistently across most of Landfill 4. Localized soil gas contamination with BTEX and chlorinated hydrocarbon compounds was also detected (Tracer, 1990).

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SECTION 5.0

Potential Receptors

5.1 Human Receptors

Site CG038, and in particular Subunits 2D and 2E, is a contaminated groundwater site. Since the landfills have been capped, the only potential human receptors are those who could come into contact with contaminated groundwater or who could come into contact with contaminated groundwater that discharges to surface water.

Human health risk assessments were performed for Landfills 1 through 4, FTA 1, and the SP site (USACE, 1991 and 1994). In addition, an ecological risk assessment was performed for FTA 1 (USACE, 1993). The risk assessments were based on data, information, and conclusions presented in RI reports prepared for those sites (USACE, 1991 and 1993) at that time. Because Landfills 1 through 4, the SP site, and FTA 1 are within CG038, these risk assessments are pertinent to potential receptors for CG038. **Table 5-1** shows potential exposure pathways and receptors for contaminated groundwater and soil at CG038.

The USACE issued a preliminary draft baseline risk assessment report for Landfills 1 through 4 in February 1991. An exposure assessment was performed by the USACE to determine the potential human receptors and to analyze the potential exposure pathways at Landfills 1 through 4. Potentially exposed human populations were limited to on-base industrial workers for the following reasons:

- No completed exposure pathway exists now or in the foreseeable future that would affect individuals outside the boundaries of Tinker AFB. Note: This assumption is now known to be incorrect. There are off-base residential wells in the TVA downgradient from the contaminated groundwater plumes.
- Access to Tinker AFB is restricted to military personnel, civilian employees, and individuals such as retirees who are authorized to use Base facilities.
- Military housing on Tinker AFB is limited and is not in the vicinity of Landfills 1 through 4.

The covered waste trenches were identified as the sources of contamination. Potential groundwater contamination via migration of leachate was not identified as a significant transport mechanism. It was determined the large distance to groundwater use points and the natural geological impediments to contaminant movement precluded the contamination of usable groundwater. The USACE incorrectly stated that all homes in the area around and downgradient of Landfills 1 through 4 are served by municipal water. Therefore, the potential exposure of on-base residents to contaminated groundwater via domestic potable use was determined to be an incomplete pathway under identified current and future use scenarios. It is important to note that the assumption of the homes being on municipal water is incorrect. There are homes up to one-half mile off-base and downgradient that have private wells.

TABLE 5-1
Summary of Exposure Pathways Evaluated in USACE Reports
RCRA Facility Investigation, IRP Site CG038

Site	Exposed Population	Exposure Route	Groundwater	Surface Soil	Surface Water Crutcho Creek
Current and Future Land Use					
Landfills 1, 2, 3 and 4	On-base industrial workers	Ingestion	I		O
		Inhalation	I	X (a)	O
		Dermal contact	I		O
Supernatant Pond	On-base workers	Ingestion	I		O
		Inhalation	I	X (a)	O
		Dermal contact	I		O
Fire Training Area 1	Residential youth	Ingestion	I	I	X (b)
		Inhalation	I	I	X (c)
		Dermal contact	I	I	X (b)
	Off-base residents	Ingestion	C	O	O
		Inhalation	C	O	O
		Dermal contact	C	O	O

O = Not evaluated
X = Pathway evaluated
I = Pathway incomplete
C = Pathway not evaluated in USACE risk assessments - may be complete but presence and extent of off-base GW
Migration is not currently known
(a) = Workers intermittently present at adjacent sites
(b) = Swimming and wading
(c) = Pathway complete but insignificant

The only complete exposure pathways identified by the USACE were inhalation of contaminated soil particles and inhalation of organic vapors from contaminated soil. A landfill cap was constructed over the buried wastes at Landfill 1 in March 1991, and residual risks post-remediation were not addressed in the draft assessment. Since all landfills are now capped, surface exposure to groundwater seeps has been eliminated. In addition, surface water runoff, which might have transported contamination to creeks, is no longer an issue.

As noted, the USACE did not properly address all potential pathways in the above risk assessments because they did not consider off-base groundwater users. Private residences with individual water-supply wells are located off-base and downgradient from contaminant sources on base. Approximately 45 residences in the Tinker View Acres Subdivision (TVA), located off-base just southwest of Landfills 1 through 4, are known to obtain drinking water from private wells. Typical well completion reports around the area, including the only three from the TVA area on file with the Oklahoma Water Resources Board, show that wells are completed with filter (sand) packs which extend from the bottom of the well to within 10 to 12 feet of the surface. When completed in this manner, the filter pack can act as a conduit to allow contaminated groundwater in shallow aquifer zones to migrate vertically downward to deeper zones. In the case of the TCE plume in Subunit 2D

for example, this pathway has allowed contaminated groundwater normally confined to the USZ by the USZ-LSZ aquitard to contaminate private wells that are screened in the LSZ. Therefore a completed pathway for off-base residents exists. As long as these private remain, there may be a continuing risk that shallow contamination may impact deeper parts of the aquifer.

In order to mitigate the potential for exposure to the organic constituents, Tinker AFB has equipped six of the impacted private well systems with carbon filtration systems. Additionally, Tinker is providing funding for the City of Oklahoma City to provide public drinking water to the entire Tinker View Acres Subdivision so that occupants will have the option of not using the wells for their drinking water supply.

The USACE risk assessment reports did conclude that it would be difficult for contaminants in the USZ to cross-contaminate the deeper, regional aquifer known at Tinker as the Producing Zone (PZ) aquifer. This assumes that no man-made pathways exist. Their conclusions are largely supported by data from a number of aquifer pumping tests that have been performed on the PZ by municipalities in and around Oklahoma City, as well as one at Tinker performed by the USACE (Scott Bowen, personal communication, October, 2000). All of these included monitoring of the overlying aquifer zones during PZ pumping and consistently indicated no aquifer communication between the shallow and deep aquifer zones. In addition, no affect from pumping of over 20 water supply wells completed in the PZ at Tinker has ever been reported in wells completed in the USZ and LSZ. The PZ is hydraulically separated from the LSZ by the PZ-LSZ aquitard; water supply wells are completed in the PZ.

In addition, groundwater users of the PZ, including those on Tinker, are not considered as potential receptors to contaminants from the 2D and 2E plumes for the following reasons:

- There are no PZ water supply wells on base near the 2D and 2E plumes.
- There are no PZ municipal water supply wells off base near the 2D and 2E plumes.
- Although the natural, vertical hydraulic gradient between aquifer zones, such as the USZ and LSZ, is in a downward direction, contaminants must migrate through intervening aquitards to move into deeper aquifer zones. The lack of contamination in the LSZ suggests that the USZ-LSZ aquitard is a good barrier to downward contaminant migration.
- The natural vertical hydraulic gradient within each aquifer zone is downward, but it is low with respect to the horizontal gradient. Therefore, the tendency is for contamination to migrate laterally.

Figure 5-1 shows active and abandoned base production wells. Water from the active wells is sampled on a regular basis, and to date, no contaminants above MCLs have been detected in the active wells (Tinker Take Off, October 15, 1999).

An additional potential pathway that needs to be considered is discharge of contaminated groundwater into Crutcho Creek from the HWBZ and the USZ. Potential receptors are adults or children in contact with the water in Crutcho Creek. This pathway is considered complete for contaminants from the FTA 1 site and possibly for the SP, but not for Landfills

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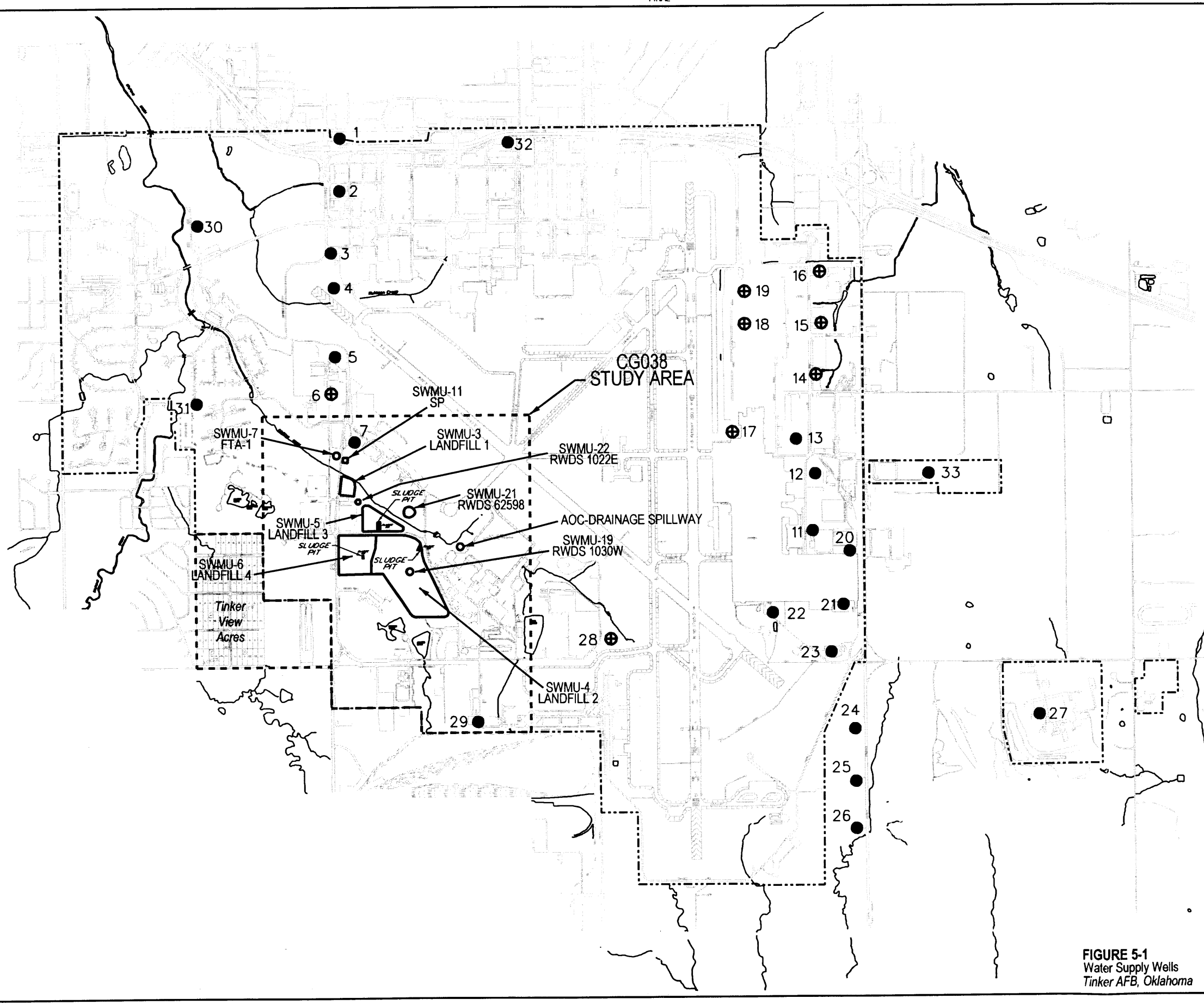

FIGURE 5-1
Water Supply Wells
Tinker AFB, Oklahoma

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1 through 4. The conclusion that the groundwater-creek pathway for groundwater contamination stemming from the landfills is incomplete is based on regular creek sampling results and the hydrogeology in the area as discussed in Section 3.5. Based on water level data and the distribution of contaminants, it appears that little or no shallow groundwater enters the creek from the side adjacent to the landfills. Instead, contaminated groundwater migrates vertically downward from the HWBZ and landfill trenches to the underlying Garber Sandstone and then moves laterally to the southwest away from the creek in the USZ.

5.2 Ecological Receptors

Tinker AFB lies within a grassland ecosystem, which is typically composed of grasses, forbs, and riparian (i.e., trees, shrubs, and vines associated with water courses) vegetation. This ecosystem has generally experienced fragmentation and disturbances as a result of urbanization and industrialization at and near the base.

While no federally listed threatened or endangered plant species are known to occur on-base, the Oklahoma penstemon (*Penstemon oklahomensis*), identified as a rare plant under the Oklahoma Natural Heritage Inventory Program, thrives in several on-base locations. Tinker AFB policy provides the same level of protection for these rare species as if they were threatened or endangered.

In general, on-base wildlife is tolerant of human activities and urban environments. No federal threatened or endangered species have been reported at the base. However, one species found on-base, the Texas horned lizard (*Phrynosoma cornutum*), is a Federal Category 2 candidate specie and under review for possible inclusion on the threatened or endangered list. Air Force policy (AFR 126-1) considers candidate species as threatened or endangered and provides the same level of protection.

The Oklahoma Department of Wildlife Conservation also lists several species within the state as Species of Special Concern. Information on these species suggests declining populations but information is inadequate to support listing, and additional monitoring of populations is needed to determine the species status. These species also receive protection from Tinker AFB as threatened or endangered species.

Of these species, Swainson's hawk (*Buteo swainsoni*) and the burrowing owl (*Athene cunicularia*) have been sighted on-base. Swainson's hawk, a summer visitor and prairie/meadow inhabitant, has been encountered basewide. The burrowing owl has been known to inhabit the base airfield (IT Corp., September 1994).

The USACE considered the exposure pathways for ecological receptors incomplete for the SP and Landfills 1 through 4, precluding contact of vegetation or wildlife with site-related contamination (USACE, 1991 and 1994); therefore, ecological risks were not quantified. However, potential ecological risks related to the FTA 1 site were considered. Since the USACE reports, investigations of the groundwater-surface water interactions along Crutcho Creek have shown the possibility of a complete contaminant pathway in Crutcho Creek where groundwater discharges to surface water (Parsons E-S, March 1999; April 1999).

5.3 Conceptual Site Model

The conceptual site model (CSM) is a conceptual view of the results of the pathway analysis, which identifies and illustrates the following:

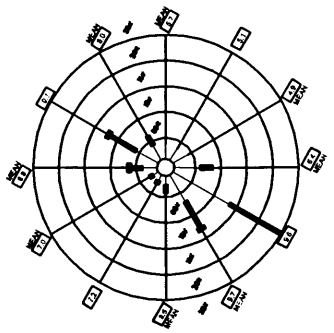
- Groundwater contaminants and contamination sources,
- Site geology and hydrogeology,
- Affected media (surface water, sediments, groundwater, soil, bedrock, air),
- Release mechanisms ,
- Migration pathways (desiccation cracks, landfill trenches, vadose zone, transmissive units or zones, pumping wells, landfill caps, etc.),
- Exposure routes,
- Potential receptors, land-use,
- Potential for exposure.

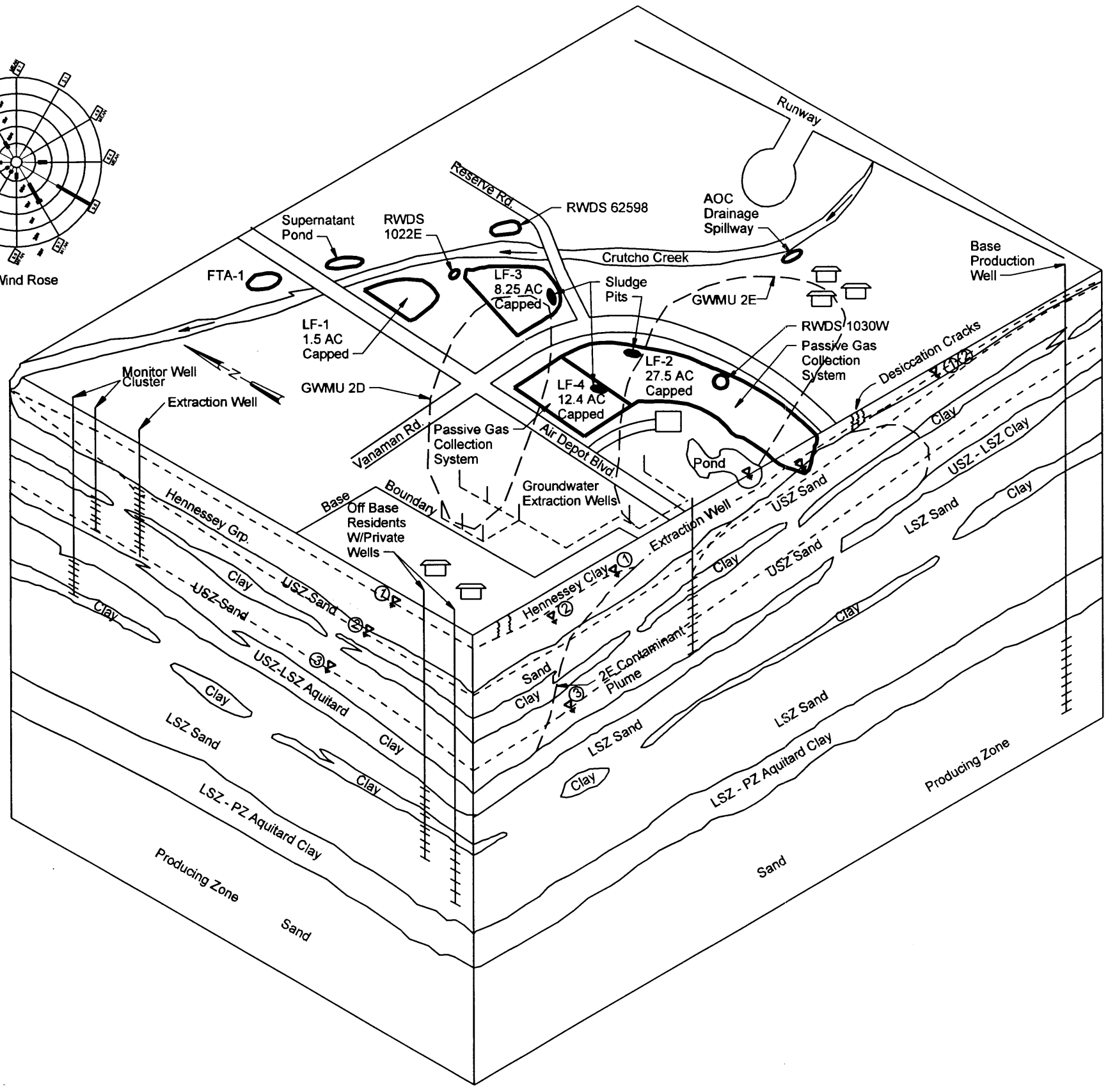
The CSM (**Figure 5-2**) incorporates available data and physical features of the geologic and hydrogeologic setting (Section 3.4 and 3.5), potential sources, pathways and contaminant characterization (Sections 4 and 5), and receptors (Section 6).

5.3.1 Potential Source Areas

Nine sites or SWMUs, one AOC, a drum storage area, a re-drumming area at one of the SWMUs, and industrial activities have been discussed in previous sections of this report as being potential source areas for the groundwater contamination in CG038 and, specifically, for groundwater contaminant plumes 2D and 2E. Of these sites, six probably do not impact these plumes for the following reasons:

- Fire Training Area 1 – This site is hydrologically cross-gradient to the southwesterly direction of groundwater flow in the USZ (contaminated zone). Therefore, any contamination originating here could not be the source of contamination in plumes 2D and 2E. FTA 1 appears to be associated with plume 2C, which is not part of this RFI.
- Supernatant Pond – This site is hydrologically cross-gradient to the southwesterly direction of groundwater flow in the USZ (contaminated zone). Therefore, any contamination originating from the SP could not be the source of contamination in plumes 2D and 2E. The SP appears to be associated with plume 2C, which is not part of this RFI.
- RWDS 62598 – This site is directly upgradient from plume 2D. However, the upgradient limit of the plume is well defined and does not extend northeastward beyond the limits of Landfill 3. RWDS 62598, where volatile organic compounds were used to clean distillation units, does not appear to be associated with groundwater contamination.
- Landfill 1 – This site is hydrologically cross-gradient to the southwesterly direction of groundwater flow in the USZ (contaminated zone). Therefore, any contamination





GWMU 2D Contaminants

HWBZ	USZ
TCE	TCE
Cis-1, 2-DCE	Cis-1, 2-DCE
Arsenic	Vinyl Chloride
Chromium	Arsenic
Nickel	Chromium
	Nickel

GWMU 2E Contaminants

HWBZ	USZ
TCE	TCE
Arsenic	Cis-1, 2-DCE
Chromium	1,2-DCA
Nickel	Vinyl Chloride
	Arsenic
	Chromium
	Nickel

Groundwater flow direction in the Hennessey is to the northeast.

Groundwater flow direction in the USZ , LSZ and PZ is to the west/southwest.

▽① HWBZ potentiometric surface

▽② USZ potentiometric surface

▽③ LSZ potentiometric surface

NOT TO SCALE

FIGURE 5-2
Conceptual Site Model Diagram
Tinker AFB, Oklahoma

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originating from LF-1 could not be the source of contamination in plumes 2D and 2E. LF-1 appears to be associated with the plume in Subunit 2C, which is not part of this RFI.

- RWDS 1030W – This site is located within Landfill 2. However, the radium wastes disposed at RWDS 1030W are not the same as the groundwater contaminants (chlorinated hydrocarbons). Therefore, this site is not a source of contamination in plumes 2D and 2E. The NFRAP Decision Document was completed for soils at this site in December 1999.

- RWDS 1022E – This site between Landfills 1 and 2 is near the upgradient limit of plume 2D. However, the radioactive wastes disposed at RWDS 1022E are not the same as the groundwater contaminants (chlorinated hydrocarbons). Therefore, this site is not a source of contamination in plumes 2D and 2E.

The sites remaining as potential source areas for groundwater contaminant plumes 2D and 2E are:

- Landfill 2 – The southern extension of Landfill 2 lies above a portion of plume 2E. The sludge dump area at the north end of the landfill, the redrumming area at the south end of the landfill, and water in landfill trenches are likely sources of groundwater contamination constituents in wastes disposed and soils at Landfill 2 are comparable to the contaminants in the groundwater plume, and the trend of the plume is directly downgradient from this landfill. However, a large portion of plume 2E extends about 1,000 feet upgradient (with respect to groundwater flow in the USZ) to the northeast from the eastern boundary of Landfill 2. This upgradient extension of the plume suggests another source(s).

- Landfill 3 – The upgradient limit of plume 2D appears to be centered beneath Landfill 3 in the vicinity of the former waste oil sludge dump. Wastes disposed and soil contamination in Landfill 3 are comparable to the contaminants in the groundwater plume, and the trend of the plume is directly downgradient from the landfill. Therefore, Landfill 3, and specifically the former sludge dump within Landfill 3, is the most likely source of groundwater contamination in plume 2D.

- Landfill 4 – Plume 2D extends beneath and downgradient from Landfill 4 and the sludge dump/landfarm area that is located there. The higher concentrations of the TCE plume beneath Landfill 4 are north of the former sludge dump area, so Landfill 4 may not be the primary source of contamination to plume 2D. The steep hydraulic gradient in the HWBZ at the north end of Landfill 4 could provide the mechanism for some limited contaminant migration downward into the USZ and plume 2D. The sludge pit of Landfill 4 may also contribute to the 2E plume contamination via the east-west oriented trenches and the eastward groundwater flow in the HWBZ. Hexavalent chromium in groundwater samples collected from monitoring well 10 A probably derives from the Landfill 4 sludge pit.

- AOC Drainage Spillway and general area – This site is near the upgradient limits of the TCE and DCE plumes of plume 2E. However, it is on the periphery of the low concentration limits of the plumes, cross-gradient from the central and highest concentrations in the plumes. Soil sampling in the area did not detect contamination,

but samples from nearby groundwater monitoring wells have shown that the plumes extend into the general area surrounding Building 1030. Maps of plume 2E suggest the existence of another contamination source that has not been verified in the general vicinity of Building 1030.

- Former Drum Storage Area – This site, located east of Landfill 2 and adjacent to the AOC Spillway, could be a potential source area. The Former Drum Storage Area has only recently been identified on the 1954 "Basic Layout Map" (M-1058) of Tinker AFB (Scott Bowen, personal communication, May 2000). Building 1030, the drainage spillway, and a former aircraft wash rack, are geographically situated in almost the same location as the former drum storage area, but were constructed after the drum area was no longer in use. Groundwater impacts east of Landfill 2 might be attributed to either of these sites.

5.3.2 Hydrogeology

The conceptual hydrogeologic model for site CG038 includes an uppermost water table aquifer HWBZ in the overlying Hennessey Group, three aquifer zones within the Garber Sandstone and Wellington Formation (USZ, LSZ, and LLSZ), and the underlying Producing Zone, also in the Garber-Wellington.

The aquifer zones in the conceptual site model are hydraulically connected, both vertically and laterally, and sometimes directly where landfill trenches penetrate the HWBZ to the USZ. The LSZ and the LLSZ are effectively the same aquifer, and pump tests show these zones to be highly connected. The hydraulic connections between the USZ and LSZ, and between the LSZ and PZ however, are much less pronounced. The vertical component of the hydrologic gradient is in a downward direction, a condition that may contribute to the vertical migration and extent of contaminants in the groundwater.

5.3.2.1 Hennessey Water Bearing Zone (HWBZ)

The HWBZ is a shallow, unconfined, and discontinuous aquifer within the Hennessey Group. There is groundwater contamination within the landfill trench water in the HWBZ, but most of the contamination has migrated into the USZ and not laterally into the Hennessey. The potentiometric surface of the HWBZ follows topography. The vertical component of the hydraulic gradient in the HWBZ is in a downward direction.

In the CG038 area and west of Crutcho Creek, shallow groundwater in the HWBZ appears to flow radially toward stream tributaries. West of the landfills, the HWBZ generally flows to the northeast toward Crutcho Creek. At this location it does not follow the regional groundwater flow pattern in the underlying Garber-Wellington which is to the southwest, although along the west edge of the study area both the HWBZ and deeper groundwater units flow from west to east due to the Oklahoma City Anticline.

Groundwater within the HWBZ is in direct communication with groundwater in landfill trenches and, where it reaches, with Crutcho Creek. The HWBZ locally recharges the USZ by vertical drainage. In some areas of CG038, particularly west of Landfill 4 and off-base to the west where the Hennessey Group is more than 30 feet thick, there is a vadose (unsaturated) zone separating the HWBZ and the underlying USZ. This has created a localized, perched condition within the HWBZ. The relatively large, downward potential

gradient suggests that the HWBZ has very low vertical hydraulic conductivity, which restricts groundwater movement from the HWBZ to the USZ where the Hennessey is thick. Vertical groundwater movement through desiccation cracks and communication through landfill trenches in the upper 30 feet or so of the HWBZ may enhance recharge and contaminant transport within the shallow HWBZ.

Nested piezometers (L2-15H1, H2; L2-16H1,H2; L2-17H1,H2; and L4-30H1, H2 H3) which were installed in the HWBZ between landfill trenches at depth both opposite and below the trenches, did not show any groundwater contamination. This seems to indicate that groundwater contamination is not migrating laterally near the trenches or vertically downward where the Hennessey Group is thick. Instead, the contamination probably migrates through the trenches until it can move vertically downward into the USZ.

5.3.2.2 Upper Saturated Zone (USZ)

Groundwater contaminant plumes at CG038 are restricted to the USZ. For the most part, the USZ is an unconfined to semi-confined aquifer over the majority of the CG038 area. In some areas of Landfills 2 and 3, groundwater mounds in the USZ indicate areas of groundwater recharge from the HWBZ. On either side of Crutcho Creek the USZ appears to be confined by the Hennessey Group. **Figure 1-4** delineates the approximate area where this occurs. As explained in Section 3.5, the USZ never actually becomes confined, except possibly in localized spots. The results of groundwater pumping tests conducted on the USZ in 1995 (IT Corp., March 1997) gave a storativity value of 1.6×10^{-3}, which is typical of semi-confined aquifers. Overall, groundwater flow across the site is to the southwest.

5.3.2.3 Lower Saturated Zone (LSZ)

The LSZ underlies the USZ. Clay beds and lenses of the USZ-LSZ aquitard separate the LSZ from the USZ. Borehole logs and geologic cross-sections indicate a relatively continuous aquitard between the USZ and LSZ within the CG038 study area, and groundwater pumping tests made on the USZ showed no water level response in monitoring wells screened in the LSZ (IT Corp., March 1997).

Lenses of interbedded USZ sands within the aquitard may provide a stratigraphic connection between the USZ and the LSZ. A downward, vertical hydraulic potential exists between the USZ and LSZ, ranging between 20 feet and 10 feet of head difference from east to west across the site. This suggests that where an avenue through the aquitard exists, some groundwater communication from the USZ into the LSZ would occur. The direction of groundwater flow within the LSZ follows regional geologic dip, which is southwesterly.

5.3.2.4 Lower Lower Saturated Zone (LLSZ)

The LSZ is hydraulically interconnected and is one aquifer zone to approximately 200 feet. The LLSZ is the lower portion of the LSZ. The LLSZ is distinguished from the LSZ primarily to accommodate vertical head differences for groundwater modeling purposes. The LSZ and LLSZ are apparently in good hydraulic communication with each other as evidenced by similar water levels and by rapid response in LLSZ monitoring wells to pumping from the LSZ (IT Corp., March 1997). No contamination has been detected in the LLSZ within CG038. The direction of groundwater flow within the LLSZ is regional, in a southwesterly direction.

5.3.2.5 Producing Zone (PZ)

The PZ is the water-bearing zone beneath the LLSZ and is separated from the LLSZ by a 10- to 15 foot thick, interbedded shale and siltstone aquitard. The top of the PZ is about 220 to 250 feet below ground surface.

The PZ is the zone in which the base water supply wells and most area municipal water wells are screened. There is one PZ well in the CG038 area and one other well just outside the area. The nearest water supply well, WS-7, is located about 1,500 feet upgradient from the contaminated area. WS-29 is located to the south of CG038 and approximately 2000 feet cross-gradient from plume 2E.

Off-base residents immediately downgradient from the contaminant plumes have individual water supply wells, presumably screened in the LSZ. However, the exact locations of the private off-base wells and well construction details are unavailable. All of the off-base private wells have been recently sampled, and all Base water supply wells are sampled on a prescribed schedule.

5.3.2.6 Surface Water

Crutcho Creek and its intermittent tributaries are the principal surface water features in the CG038 area. Crutcho Creek flows in a northwest direction west of the NW-SE runway, past RWDS 62598, Landfill 3, Landfill 1, the Supernatant Pond, and the Fire Training Area 1 and eventually exits the Base near the northwest corner.

In the reach of Crutcho Creek within the CG038 study area, the stream appears to be slightly gaining or in equilibrium, meaning shallow groundwater discharges to the stream or is in equilibrium with the stream (Parsons E-S, March 1997). Along this reach of Crutcho Creek, the piezometric surfaces of the HWBZ and the USZ are essentially identical, so groundwater that discharges to the stream potentially comes from both zones. Depending on such factors as the location along the creek, seasonal fluctuations in the HWBZ and USZ, and the fact that there is no HWBZ north of the creek, base flow may derive from different sources in different areas of the creek at different times of the year.

Two surface water ponds, Redbud Pond and Beaver Pond, are located south of Landfill 2. Beaver Pond discharges to Redbud Pond, which eventually discharges to Crutcho Creek. Both ponds are shallow ponds whose bottoms are in the Hennessey Group; neither appears to have any direct affect on groundwater flow or contamination in the USZ. A third pond, Fire Pond, is located on the eastern edge of CG038 and does not impact groundwater plumes in Subunits 2D or 2E.

5.3.3 Man-Made Structures

Man-made structures, such as the existing groundwater extraction/treatment system and landfill caps, are also part of the CSM, and contribute in varying degrees to reducing or preventing the continued migration of contaminants from the sources to potential receptors.

5.3.3.1 Groundwater Extraction/Treatment System

The existing groundwater extraction system, installed as an interim remedial action, comprises 20 extraction wells screened in the USZ. The primary function of the wells is to prevent further off-base migration of the plumes in 2D and 2E and to capture and treat

contaminated groundwater from areas of higher concentration within the plumes. Water is pumped to a treatment system consisting of a tray type air stripper where volatile organics are removed from the water. The treated water is either discharged to the golf course pond, used to irrigate the course, or discharged to the sanitary sewer.

The system has been in operation since March 1999, although pumping wells cycle on and off in response to water levels in the wells. The wells produce groundwater at different average rates, from less than 0.1 gpm to more than 2.5 gpm. The combined average discharge rate for all 20 wells is about 5.5 gpm. Since March 1999, the system has pumped and treated approximately 2.4 million gallons of groundwater from CG038.

5.3.3.2 Landfill Caps

The engineered cover material or caps on Landfills 1 and 3 have been in place since 1991, and the caps over Landfills 2 and 4 were completed in October 1998. The hydrologic effect of the caps has been to reduce surface infiltration (recharge) over a combined area of about 50 acres.

The change in the USZ groundwater levels between November 1998 and October 1999 may be observed by review of **Figures 3-21** and **3-22**. The difference in groundwater levels indicates an overall lowering of the USZ potentiometric surface, possibly reflecting the combined effects of landfill caps and operation of the groundwater extraction system. Water levels measured in 2001 were slightly higher than in 1999, but lower than in 1998.

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SECTION 6.0

Applicable or Relevant and Appropriate Requirements (ARARs)

6.1 Introduction

An important part of the evaluation of Groundwater Management Subunits 2D and 2E at CG038 is determining compliance with federal and State of Oklahoma applicable or relevant and appropriate requirements (ARARs) and risk-based action levels. This section identifies the ARARs and other "to be considered" (TBC) criteria.

6.2 Applicable or Relevant and Appropriate Requirements

Section 121 of CERCLA requires that primary consideration be given to remedial alternatives that attain or exceed ARARs. While the development of remedial alternatives at Site CG038 is not within the scope of this report, the purpose of this requirement is to make CERCLA response actions consistent with other pertinent federal and state environmental requirements, as well as to adequately protect public health and the environment. Although Site CG038 is not listed under the Superfund program, it is Air Force policy to follow the NCP and the relevant CERCLA guidance.

ARARs and the TBC criteria are defined as follows:

- Applicable requirements are those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that directly and fully address a hazardous substance, pollutant, contaminant, environmental action, location, or other circumstance at a CERCLA site.
- Relevant and appropriate requirements are those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law, which, while not "applicable," address problems or situations sufficiently similar (relevant) to those encountered at a CERCLA site, that their use is well suited (appropriate) to the particular site.
- TBC criteria are non-promulgated, non-enforceable guidelines or criteria that may be useful for developing a remedial action, or that are necessary for determining what is protective to human health or the environment. An example of TBC criteria are the proposed RCRA Subpart S action levels for corrective action at solid waste management units.

ARARs are grouped into three types: contaminant-specific, location-specific, and action-specific, as follows:

- Contaminant-specific ARARs include laws and requirements that establish health- or risk-based numerical values or methodologies for environmental contaminant concentrations or discharge. The contaminant-specific ARARs most pertinent to this investigation are the federal Safe Drinking Water Act (SDWA) National Primary Drinking Water Standards. They are important in evaluating the extent of groundwater contamination, as well as in evaluating the residual levels of contaminants allowable after treatment or remediation. Other relevant and appropriate standards include RCRA Subpart S Corrective Action Levels (CALs), EPA Region 6 tapwater screening levels (SL), and the Oklahoma Water Resources Board water quality standards.

- Location-specific ARARs are requirements that relate to the geographical position of the site. State and federal laws and regulations that apply to the protection of wetlands or construction in floodplains are examples of location-specific ARARs. There are no location-specific ARARs identified for Site CG038.

- Action-specific ARARs are requirements that define acceptable procedures for conducting the remedial investigation. The most applicable action-specific ARARs to this investigation are outlined in the RCRA Groundwater Technical Enforcement Guidance Document (TEGD) (EPA, 1986), which describes procedures and protocols for installing and sampling of groundwater monitoring wells.

Table 6-1 presents preliminary federal and state ARARs, respectively. **Table 6-2** summarizes the contaminant-specific ARARs for Site CG038 groundwater chemicals of concern (COCs).

TABLE 6-1
Federal and State Applicable or Relevant and Appropriate Requirements for IRP Site CG038
Tinker AFB, Oklahoma

ARAR Citation	Requirement	Rationale for Use	Type of Requirement
Contaminant-Specific			
Federal Water Pollution Control Act, as amended by the Clean Water Act of 1977 (33 U.S.C. 1251 et seq.)	Creates the basic national framework for water pollution control and water quality management.		
--Designation of Hazardous Substances (40 CFR 116)	Designated hazardous substances are in Tables 116.4A and 116.4B of the regulations.	Designates hazardous substances in accordance with requirements of Clean Water Act Section 311(b)(2)(A). These are included in the CERCLA list of hazardous substances.	Potentially applicable
--National Primary Drinking Water Standards (40 CFR 141)	Establishes federal standards for drinking water in Maximum Contaminant Levels (MCLs) and Maximum Contaminant Level Goals (MCLGs).	MCLs to be used as primary criteria in determining nature and extent of groundwater contamination. Chemical-specific MCLs and MCLGs are presented in **Table 6-2**	Potentially applicable
RCRA Subpart S: Corrective Action Levels and Media Cleanup Standards (40 CFR 264 Subpart S)	Establishes CALs for hazardous constituents, not hazardous wastes, for RCRA SWMUs.	CALs to be used as secondary criteria in determining nature and extent of groundwater contamination. For groundwater, CALs are set at the MCL. Chemical-specific CALs are presented in **Table 6-2**.	Potentially applicable
EPA Region VI Medium-Specific Screening Levels	Screening levels are chemical concentrations that correspond to fixed levels of risk (i.e., either a 1-in-1 million [10^{-6}] cancer risk or a non-carcinogenic hazard quotient of 1, whichever occurs at a lower concentration) in soil, air, and water. Tapwater SLs are conservative criteria protective of human health from the ingestion of groundwater.	Tapwater SLs to be used as a secondary criteria in determining nature and extent of groundwater contamination. Chemical-specific SLs are presented in **Table 6-2**.	Potentially relevant
Oklahoma Water Resources Board (OWRB): Water Quality Standards (OAC 785 Chapter 45)	Establishes standards of quality for waters in Oklahoma.	Standards specify the numerical and narrative criteria to protect beneficial uses for waters of the state. Chemical-specific groundwater standards are presented in **Table 6-2**.	Potentially applicable

TABLE 6-1 CONT.

ARAR Citation	Requirement	Rationale for Use	Type of Requirement
Action-Specific			
Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6901 et seq.)	Establishes the basic framework for federal regulation of solid and hazardous waste. Subpart C of RCRA controls the generation, transportation, treatment, storage, and disposal of hazardous waste through a comprehensive *cradle-to-grave* system of hazardous waste management techniques and requirements.		
--Identification and Listing of Hazardous Waste (40 CFR 261)	Regulations concerning the determination of whether a waste is hazardous based on characteristic or listing.	Groundwater contaminants of concern (COCs) may be present at high enough concentrations to be classified as RCRA toxicity characteristic hazardous waste by TCLP.	Potentially applicable
--Treatment, Storage, and Disposal of Hazardous Waste (40 CFR 262-265)	Regulates the treatment, storage, and disposal (TSD) of hazardous waste.	Hazardous waste generated by site remediation activities must meet RCRA generator and TSD requirements. Contaminated groundwater may be classified as RCRA hazardous wastes.	Potentially applicable
Hazardous Remediation Waste Management Requirements (HWIR-media) (40 CFR 260, 261, 264, 265, 268, 270, and 271)	Establishes new requirements for RCRA hazardous remediation wastes treated, stored, or disposed during cleanup actions.	Activities implemented during the groundwater investigation at site CG038 may be subject to these requirements.	Potentially applicable
Occupational Safety and Health Administration (OSHA) Requirements (20 CFR 1910, 1926, and 1904)	Regulations provide occupational safety and health requirements applicable to workers engaged in onsite field activities.	Required for site workers during field activities.	Potentially applicable
DoT Rules for Hazardous Materials Transport (49 CFR 107, 171.1-500)	Regulates the transport of hazardous waste materials including packaging, shipping, and placarding.	Remedial actions may include offsite treatment and disposal.	Potentially applicable

Notes:
BDAT–Best demonstrated available technology
CERCLA–Comprehensive Environmental Response, Compensation, and Liability Act
EPA–U.S. Environmental Protection Agency
IEUBK–Integrated Exposure and Uptake-Biokinetic Model
mg/kg–Milligrams per kilogram
POTW–Publicly owned treatment works
SWMU–Solid waste management unit
TBC–To be considered
TCLP–Toxicity characteristic leaching procedure

TABLE 6-2
Applicable Federal and State Groundwater Standards
Tinker AFB, Oklahoma

Chemical of Concern	CAS Number	EPA SDWA (ug/L)		RCRA CALs (ug/L)	EPA Reg 6 Tapwater SL (ug/L)	OWRB (ug/L)
		MCL	MCLG			
Arsenic	7440-38-2	50	--	50	0.04	--
Chromium, total	18540-29-9	100	100	100	183	--
Nickel	7440-02-0	--	--	100	730	--
1,2,4-Trichlorobenzene	120-82-1	70	70	70	194	--
1,1,2-Trichloroethane	79-00-5	5	3	5	0.2	0.7
1,2-Dichloroethane	107-06-2	5	zero	5	0.12	--
Carbon tetrachloride	56-23-5	5	zero	5	0.17	0.4
Cis-1,2-dichloroethene	156-59-2	70	70	70	61	0.5
Tetrachloroethene (pce)	127-18-4	5	zero	5	1.1	1.6
Trichloroethene (tce)	79-01-6	5	zero	5	1.6	0.3
Vinyl chloride	75-01-4	2	zero	2	0.02	1.9

Notes:
-- No criterion
CALs - Corrective Action Levels – equal to MCLs
MCL - Maximum Contaminant Level
MCLG - Maximum Contaminant Level Goal
OWRB - Oklahoma Water Resources Board groundwater standards (785 Chapter 45)
RCRA - Resource Conservation and Recovery Act
SDWA - Safe Drinking Water Act (40 CFR Part 141)
SL - Screening Level
ug/L - micrograms per liter

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SECTION 7.0

Conclusions and Recommendations

7.1 Conclusions

The following conclusions are based on a review of previous investigations in the area of site CG038 and the data presented in Sections 3.0 through 6.0 of this RFI report. The conclusions regarding geology, hydrogeology and groundwater contamination, and the recommendations for continued groundwater monitoring and remediation specifically relate to that part of CG038 south of Crutcho Creek, including the off-base area known as the TVA Subdivision located southwest of the CG038 area. The conclusions presented in this section accomplish the primary objective of preparing one comprehensive RFI report that defines multiple sources for, and delineates the extent of groundwater contamination in Subunits 2D and 2E.

The site-specific, complex subsurface hydrogeology has been investigated extensively since 1985. The most recent on-base investigations by IT Corp. (September, 1999) and off-base investigations (2001) describe the geologic section and hydrogeologic units of interest at Tinker AFB, including site CG038. The following summarizes the conclusions regarding the geology, hydrogeology, and extent of contaminants at CG038:

- The surficial Hennessey Group reaches a maximum thickness of about 65 feet in the Site CG038 area. The Hennessey has eroded to 10 feet or less along Crutcho Creek. Groundwater flow within the HWBZ follows the surface topography and is generally in a northeastward direction. The HWBZ is a water table aquifer.
- The underlying Garber-Wellington Aquifer, within the depths of interest , consists of a USZ, a LSZ, an LLSZ, and the PZ. These sandstone aquifer zones are separated from each other by laterally discontinuous lenses and layers of shale. The USZ/LLSZ aquifer sequence is about 200 feet thick in the CG038 area. On Tinker AFB, groundwater flow within this aquifer sequence is regional, in a westerly to southwesterly direction. Measurement of groundwater levels within the USZ in the TVA area however, indicates that groundwater flow in the western part of that area is toward the southeast due to the structural configuration of the geologic units. This change in groundwater flow direction causes a hydraulic barrier that prevents further westward migration of contaminants originating from Tinker AFB.
- The Garber-Wellington Aquifer is primarily an unconfined to semi-confined aquifer in the CG038 area except in some local areas along Crutcho Creek.
- The underlying PZ is separated from the LLSZ by a confining clay aquitard.
- The vertical hydraulic gradient within all aquifer zones is in a downward direction.
- Groundwater contamination within CG038, and specifically sub-units 2D and 2E, has occurred primarily by migration of contaminants from Landfills 2, 3, and 4, and possibly

the former drum storage areas vertically through the HWBZ into the USZ where the Hennessey Group is relatively thin. Landfill 1 does not appear to be a source of contamination to either sub-units 2D or 2E. Other potential source areas within CG038 are the FTA1, the SP, RWDS 1022E, RWDS 1030W, RWDS 62598, and the AOC Drainage Spillway. Due to the dissimilarity of potential source contaminants to groundwater contaminants and various hydraulic limitations, e.g. potential sources located cross-gradient to plumes, these six sites are not considered to be sources for the 2D and 2E plumes.

- The principle groundwater contaminants that exceed their MCLs are TCE and cis-1, 2-DCE, although other organic contaminants occur in the groundwater. Arsenic and chromium have also been identified as contaminants exceeding their MCLs, but the chromium, as well as, nickel detections could be associated with the stainless steel well construction materials. Arsenic detections could be associated with higher than background levels of the metal occurring in Garber-Wellington sediments.
- Groundwater contamination occurs most extensively in the USZ, in which contaminant plumes have migrated off-base.
- The lateral extent of contaminants identified in the HWBZ is limited. There is no evidence that contaminants have migrated off-base in the HWBZ.
- The extent of contaminants identified in the LSZ is limited, with only one well in which the concentration of an organic compound, TCE, exceeded an MCL. There does not appear to be a direct source of contaminants into the LSZ. Wells in which relatively low concentrations of organic compounds were detected in the LSZ generally correspond to well locations in the USZ in which high concentrations of the same compounds were detected. This indicates that contaminants detected in the LSZ are likely due to vertical migration from the USZ.
- The nature and extent of groundwater contamination has been defined sufficiently to continue with the on-going groundwater remediation program.
- Organic contaminant plumes, including TCE, cis-1,2-DCE, and 1,2-DCA, have migrated off-base in concentrations slightly exceeding their respective MCLs. However, there appears to be an unknown, localized source of organic contaminants, primarily 1,2-DCA, in groundwater underlying the TVA that is not associated with sources at Tinker AFB. Results of sampling wells located between this area and Tinker AFB indicate that the 1,2-DCA plumes are not connected.
- Where landfill trenches were excavated nearly or completely through the Hennessey, contaminants have migrated directly into the USZ.
- The source area for groundwater contamination in sub-unit 2D is most likely the former sludge dump area in Landfill 3, and to a lesser extent, Landfill 4.
- The source area for groundwater contamination in Subunit 2E is most likely the trenches and redrumming area in Landfill 2. However, a large part of the TCE and DCE plumes of sub-unit 2E extend upgradient about 1,000 feet from Landfill 2, suggesting another

source(s) besides Landfill 2. One possibility is the former drum storage area identified on the 1954 base map.

- Landfill 1 is probably not a source for groundwater contamination in either sub-units 2D or 2E.

7.2 Recommendations

The following recommendations are presented to address any uncertainties related to potential source areas and extent of contamination.

- Although the upgradient extent of the sub-unit 2E TCE and DCE plumes is not completely defined, additional upgradient wells are not necessary for remediating the groundwater contaminant plume.
- The occurrence and concentrations of contaminants that result from the degradation of TCE suggest that natural attenuation of the chlorinated organic contaminants is occurring. A monitoring program should be initiated to evaluate and verify natural attenuation processes.
- When the sludge disposal pit area of Landfill 3 (primary source for sub-unit 2D) was partially remediated, free product was observed in the soils and sludges. A groundwater sample collected from monitoring well 2-259B, installed near the southern boundary of Landfill 3 in 2001, had very high concentrations of several organic compounds, including vinyl chloride at 16,000 µg/L and cis-1,2-DCE at 30,000 µg/L. TCE concentrations in the USZ of sub-unit 2E are as high as 18,000 µg/L (at well 79BR in 2001). In order to further evaluate for the presence of dense, non-aqueous phase liquids (DNAPLs), additional wells should be installed in sub-units 2D and 2E in areas in which the highest concentrations of VOCs have been detected in groundwater samples. Technologies such as cross-hole tomography and/or surfactant injection tests could be used in new wells in this area to help locate any DNAPLs.
- To further demonstrate that the source(s) of organic constituents found in private wells and monitoring wells in the TVA Subdivision are not associated with Tinker, additional monitoring wells should be installed in the area lying between Tinker AFB and the TVA.
- Continue to monitor changes in the groundwater contaminant concentrations throughout CG038.
- In order to provide an alternative water supply source, residences in the Tinker View Acres Subdivision should be connected to the Oklahoma City water supply.
- Prepare and submit to the regulatory agencies a CMS. The CMS should address the most effective methods for achieving MCLs of all contaminants at the base boundary as well as for reducing the extent of contaminated groundwater underlying Tinker AFB.

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SECTION 8.0

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Appendix A
Ground Water Analytical Data

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-5	2-6	2-7	2BR	41B	43B
	SampleID	1056	1078	1114	1243	1285	1302
	DateSampled	04-AUG-95	04-AUG-95	04-AUG-95	11-SEP-95	04-OCT-95	28-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L	0U	0J	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0U	450=	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0=	0J	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L	2=	0J	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L	0U	0J	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0U	130J	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L	0U	0J	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L	0U	0J	0U	NA	0U	0U
2,2-DICHLOROPROPANE	UG/L	0U	0J	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L	0U	0J	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L	0U	0J	0U	0U	0U	0U
BENZENE	UG/L	13=	8700=	0U	0U	0U	0U
BROMOBENZENE	UG/L	0U	0J	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	0U	0J	0U	0U	0U	0U
BROMOFORM	UG/L	0U	0J	0U	0U	0U	0U

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-5	2-6	2-7	2BR	41B	43B
	SampleID	1056	1078	1114	1243	1285	1302
	DateSampled	04-AUG-95	04-AUG-95	04-AUG-95	11-SEP-95	04-OCT-95	28-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
BROMOMETHANE	UG/L	0U	0J	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L	0J	0J	0J	0J	0J	0J
CHLOROBENZENE	UG/L	0U	0J	0U	0U	0U	0U
CHLOROETHANE	UG/L	0U	0J	0U	0U	0U	0U
CHLOROFORM	UG/L	0U	0J	0U	.5=	0U	0U
CHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
cis-1,2-DICHLOROETHENE	UG/L	0U	0J	0U	0U	0U	0U
cis-1,3-DICHLOROPROPENE	UG/L	0U	0J	0U	0U	0U	0U
DIBROMOCHLOROMETHANE	UG/L	0U	0J	0U	0U	0U	0U
DIBROMOMETHANE	UG/L	0U	0J	0U	0U	0U	0U
DICHLORODIFLUOROMETHANE	UG/L	NA	NA	NA	0J	NA	NA
ETHYLBENZENE	UG/L	0=	670=	0=	0=	0=	0=
HEXACHLOROBUTADIENE	UG/L	0U	0J	0U	0U	0U	0U
ISOPROPYLBENZENE	UG/L	0U	0J	0U	0U	0U	0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L	0U	450=	0U	0U	0U	0U
METHYLENE CHLORIDE	UG/L	0J	0J	.4J	.6J	.4J	.5J
N-BUTYLBENZENE	UG/L	0U	0J	0U	0U	0U	0U
N-PROPYLBENZENE	UG/L	0U	0J	0U	0U	0U	0U
NAPHTHALENE	UG/L	0U	0J	0U	0U	0U	0U
O-XYLENE	UG/L	0U	100J	0U	0U	0U	0U
P-ISOPROPYLTOLUENE	UG/L	0U	0J	0U	0U	0U	0U
SEC-BUTYLBENZENE	UG/L	0U	0J	0U	0U	0U	0U
STYRENE	UG/L	0U	0J	0U	0U	0U	0U
TERT-BUTYLBENZENE	UG/L	0U	0J	0U	0U	0U	0U
TETRACHLOROETHENE	UG/L	0U	0J	0U	0U	0U	0U
TOLUENE	UG/L	0U	280J	0U	0U	0U	0U
TRANS-1,2-DICHLOROETHENE	UG/L	0J	0J	0J	0J	0J	0J
trans-1,3-DICHLOROPROPENE	UG/L	0U	0J	0U	0U	0U	0U
TRICHLOROETHENE	UG/L	0U	0J	0U	0U	0U	0U
TRICHLOROFLUOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
VINYL CHLORIDE	UG/L	0J	0J	0J	0J	0J	0J

NA - Not Analyzed

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B	46B	47B	4BR	59C	60A
	SampleID	1312	1318	1324	1337	1386	1398
	DateSampled	07-SEP-95	07-SEP-95	19-SEP-95	18-SEP-95	08-SEP-95	05-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L	0U	0U	0U	NA	0U	0U
1-CHLOROHEXANE	UG/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
BENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	0U	0U	0U	0U	0U	0U
BROMOFORM	UG/L	0U	0U	0U	0U	0U	0U

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C		60A	
	SampleID	1312		1318		1324		1337		1386		1398	
	DateSampled	07-SEP-95		07-SEP-95		19-SEP-95		18-SEP-95		08-SEP-95		05-SEP-95	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
BROMOMETHANE	UG/L	0U		0U		0U		0U		0U		0U	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
CHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0U	
CHLOROFORM	UG/L	.6J		1J		.3=		0U		0U		0U	
CHLOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
cis-1,2-DICHLOROETHENE	UG/L	0U		0U		0U		0U		4=		0U	
cis-1,3-DICHLOROPROPENE	UG/L	0U		0U		0U		0U		0U		0U	
DIBROMOCHLOROMETHANE	UG/L	0U		0U		0U		0U		0U		0U	
DIBROMOMETHANE	UG/L	0U		0U		0U		0U		0U		0U	
DICHLORODIFLUOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
ETHYLBENZENE	UG/L	0=		0=		0=		0=		0=		0=	
HEXACHLOROBUTADIENE	UG/L	0U		0U		0U		0U		0U		0U	
ISOPROPYLBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L	0U		0U		0U		0U		0U		0U	
METHYLENE CHLORIDE	UG/L	.4J		.5J		.6J		3=		.4J		.4J	
N-BUTYLBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
N-PROPYLBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
NAPHTHALENE	UG/L	0U		0U		.3=		0U		0U		0U	
O-XYLENE	UG/L	0U		0U		0U		0U		0U		0U	
P-ISOPROPYLTOLUENE	UG/L	0U		0U		0U		0U		0U		0U	
SEC-BUTYLBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
STYRENE	UG/L	0U		0U		0U		0U		0U		0U	
TERT-BUTYLBENZENE	UG/L	0U		0U		0U		0U		0U		0U	
TETRACHLOROETHENE	UG/L	0U		0U		0U		0U		0U		0U	
TOLUENE	UG/L	0U		0U		0U		0U		0U		0U	
TRANS-1,2-DICHLOROETHENE	UG/L	0J		0J		0J		0J		0J		0J	
trans-1,3-DICHLOROPROPENE	UG/L	0U		0U		0U		0U		0U		0U	
TRICHLOROETHENE	UG/L	0U		0U		0U		0U		5=		0U	
TRICHLOROFLUOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
VINYL CHLORIDE	UG/L	0J		0J		0J		0J		0J		0J	

NA - Not Analyzed

TABLE A.1
Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75A	76C	78C	79A	83A	84A
	SampleID	1492	1499	1516	1517	1532	1536
	DateSampled	12-SEP-95	19-SEP-95	18-SEP-95	05-SEP-95	11-SEP-95	08-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L	0U	NA	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
BENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	1=	.7=	0U	1J	0U	0U
BROMOFORM	UG/L	0U	0U	0U	1J	0U	0U

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75A	76C	78C	79A	83A	84A
	SampleID	1492	1499	1516	1517	1532	1536
	DateSampled	12-SEP-95	19-SEP-95	18-SEP-95	05-SEP-95	11-SEP-95	08-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
BROMOMETHANE	UG/L	0U	0U	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L	0J	0J	0J	0J	0J	0J
CHLOROBENZENE	UG/L	0U	.8=	0U	0U	0U	0U
CHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
CHLOROFORM	UG/L	2=	3=	0U	4=	0U	0U
CHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
cis-1,2-DICHLOROETHENE	UG/L	0U	3=	1=	0U	0U	0U
cis-1,3-DICHLOROPROPENE	UG/L	0U	0U	0U	0U	0U	0U
DIBROMOCHLOROMETHANE	UG/L	1=	0U	0U	.7J	0U	0U
DIBROMOMETHANE	UG/L	.3=	0U	0U	.3J	0U	0U
DICHLORODIFLUOROMETHANE	UG/L	0J	0J	0J	.4J	0J	0J
ETHYLBENZENE	UG/L	0=	0=	0=	0=	0=	0=
HEXACHLOROBUTADIENE	UG/L	0U	0U	0U	0U	0U	0U
ISOPROPYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L	0U	0U	0U	0U	0U	0U
METHYLENE CHLORIDE	UG/L	3=	.5J	.8J	.4J	.4J	.4J
N-BUTYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
N-PROPYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
NAPHTHALENE	UG/L	0U	0U	0U	0U	0U	0U
O-XYLENE	UG/L	0U	0U	0U	0U	0U	0U
P-ISOPROPYLTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
SEC-BUTYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
STYRENE	UG/L	0U	0U	0U	0U	0U	0U
TERT-BUTYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
TETRACHLOROETHENE	UG/L	0U	0U	0U	0U	0U	0U
TOLUENE	UG/L	0U	0U	0U	0U	0U	0U
TRANS-1,2-DICHLOROETHENE	UG/L	0J	0J	0J	0J	0J	0J
trans-1,3-DICHLOROPROPENE	UG/L	0U	0U	0U	0U	0U	0U
TRICHLOROETHENE	UG/L	0U	0U	3=	.6J	0U	0U
TRICHLOROFLUOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
VINYL CHLORIDE	UG/L	0J	.8=	0J	0J	0J	0J

NA - Not Analyzed

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	85A	86A	10B	11C	1B	2-123B
	SampleID	1541	1545	419	429	500	602
	DateSampled	27-SEP-95	08-SEP-95	05-SEP-95	12-SEP-95	26-SEP-95	11-SEP-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L	0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L	0U	NA	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L	0U	NA	NA	NA	0U	NA
2,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U	0U
BENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L	0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	0U	0U	.4=	2=	0U	0U
BROMOFORM	UG/L	0U	0U	0U	0U	0U	0U

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	85A		86A		10B		11C		1B		2-123B	
	SampleID	1541		1545		419		429		500		602	
	DateSampled	27-SEP-95		08-SEP-95		05-SEP-95		12-SEP-95		26-SEP-95		11-SEP-95	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		2U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROFORM	UG/L		0U		0U		.8=		11=		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		.5=		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOCHLOROMETHANE	UG/L		0U		0U		.5=		.5=		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		0J		0J		NA		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.3J		.4J		.3J		.9J		.4J		.6J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		2=		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J

NA - Not Analyzed

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129B	2-130B	2-131B	2-133B	2-147B
	SampleID	633	645	653	664	725
	DateSampled	27-SEP-95	12-SEP-95	19-SEP-95	07-SEP-95	01-AUG-95
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
1,1,1,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L	0U	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L	0U	NA	0U	NA	0U
2,2-DICHLOROPROPANE	UG/L	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L	0U	0U	0U	0U	0U
BENZENE	UG/L	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	0U	0U	0U	0U	0U
BROMOFORM	UG/L	0U	0U	0U	0U	0U

TABLE A.1

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129B		2-130B		2-131B		2-133B		2-147B	
	SampleID	633		645		653		664		725	
	DateSampled	27-SEP-95		12-SEP-95		19-SEP-95		07-SEP-95		01-AUG-95	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
BROMOMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
CHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U
CHLOROFORM	UG/L	0	U	0	U	0	U	.4	J	.7	J
CHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J
cis-1,2-DICHLOROETHENE	UG/L	0	U	0	U	0	U	0	U	0	U
cis-1,3-DICHLOROPROPENE	UG/L	0	U	0	U	0	U	0	U	0	U
DIBROMOCHLOROMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U
DIBROMOMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U
DICHLORODIFLUOROMETHANE	UG/L	NA		0	J	NA		0	J	NA	
ETHYLBENZENE	UG/L	0	=	0	=	0	=	0	=	0	=
HEXACHLOROBUTADIENE	UG/L	0	U	0	U	0	U	0	U	0	U
ISOPROPYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L	0	U	0	U	0	U	0	U	0	U
METHYLENE CHLORIDE	UG/L	.4	J	.5	J	.5	J	1	J	0	J
N-BUTYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
N-PROPYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
NAPHTHALENE	UG/L	0	U	0	U	0	U	0	U	0	U
O-XYLENE	UG/L	0	U	0	U	0	U	0	U	0	U
P-ISOPROPYLTOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U
SEC-BUTYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
STYRENE	UG/L	0	U	0	U	0	U	0	U	0	U
TERT-BUTYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U
TETRACHLOROETHENE	UG/L	0	U	0	U	0	U	0	U	0	U
TOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U
TRANS-1,2-DICHLOROETHENE	UG/L	0	J	0	J	0	J	0	J	0	J
trans-1,3-DICHLOROPROPENE	UG/L	0	U	0	U	0	U	0	U	0	U
TRICHLOROETHENE	UG/L	0	U	0	U	0	U	0	U	0	U
TRICHLOROFLUOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J
VINYL CHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B	2-328B	2-329B	2-333B	2-334B
	SampleID	1007	1009	1010	1019	1024
	DateSampled	16-JUL-96	03-SEP-96	09-AUG-96	30-AUG-96	11-SEP-96
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,1,1,2-TETRACHLOROETHANE	UG/L	0J	0J	0U	0J	0U
1,1,1-TRICHLOROETHANE	UG/L	0J	0J	0U	0J	0U
1,1,2,2-TETRACHLOROETHANE	UG/L	0J	0J	0U	0J	0U
1,1,2-TRICHLOROETHANE	UG/L	0J	0J	0U	0J	0U
1,1-DICHLOROETHANE	UG/L	0J	0J	0U	0J	0U
1,1-DICHLOROETHENE	UG/L	0J	0J	0U	0J	0U
1,1-DICHLOROPROPENE	UG/L	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L	0J	0J	0U	0J	0U
1,2,3-TRICHLOROPROPANE	UG/L	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L	0J	0J	0U	0J	0U
1,2,4-TRIMETHYLBENZENE	UG/L	0J	0J	0U	0J	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L	0J	0J	0=	0J	0=
1,2-DICHLOROBENZENE	UG/L	0J	0J	0U	0J	0U
1,2-DICHLOROETHANE	UG/L	0J	0J	0U	NA	0U
1,2-DICHLOROPROPANE	UG/L	0J	0J	0U	0J	0U
1,3,5-TRIMETHYLBENZENE	UG/L	0J	0J	0U	0J	0U
1,3-DICHLOROBENZENE	UG/L	0J	0J	0U	0J	0U
1,3-DICHLOROPROPANE	UG/L	0J	0J	0U	0J	0U
1,4-DICHLOROBENZENE	UG/L	0J	0J	0U	0J	0U
1-CHLOROHEXANE	UG/L	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	UG/L	0J	0J	0U	0J	0U
2-CHLOROTOLUENE	UG/L	0J	0J	0U	0J	0U
4-CHLOROTOLUENE	UG/L	0J	0J	0U	0J	0U
BENZENE	UG/L	0J	0J	0U	2J	0U
BROMOBENZENE	UG/L	0J	0J	0U	0J	0U
BROMOCHLOROMETHANE	UG/L	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L	0J	0J	0U	0J	0U
BROMOFORM	UG/L	0J	0J	0U	0J	0U
BROMOMETHANE	UG/L	0J	0J	0U	0J	0U
CARBON TETRACHLORIDE	UG/L	4J	9J	0J	0J	0J
CHLOROBENZENE	UG/L	0J	0J	0U	8J	0U
CHLOROETHANE	UG/L	0J	0J	0U	0J	0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B		2-328B		2-329B		2-333B		2-334B	
	SampleID	1007		1009		1010		1019		1024	
	DateSampled	16-JUL-96		03-SEP-96		09-AUG-96		30-AUG-96		11-SEP-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
CHLOROFORM	UG/L		2J		6J		0U		0J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		3=		30J		0U		78=		0U
cis-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0J		0U
CYMENE	UG/L		0J		0J		0U		0J		0U
DIBROMOCHLOROMETHANE	UG/L		0J		0J		0U		0J		0U
DIBROMOMETHANE	UG/L		0J		0J		0U		0J		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0J		0J		0=		0J		0=
HEXACHLOROBUTADIENE	UG/L		0J		0J		0U		0J		0U
ISOPROPYLBENZENE	UG/L		0J		0J		0U		0J		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		7J		16J		.46J		4J		1J
N-BUTYLBENZENE	UG/L		0J		0J		0U		0J		0U
N-PROPYLBENZENE	UG/L		0J		0J		0U		0J		0U
NAPHTHALENE	UG/L		0J		0J		0U		0J		0U
O-XYLENE	UG/L		NA		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0J		0J		0U		0J		0U
STYRENE	UG/L		0J		0J		0U		0J		0U
TERT-BUTYLBENZENE	UG/L		0J		0J		0U		0J		0U
TETRACHLOROETHENE	UG/L		0J		0J		0U		0J		0U
TOLUENE	UG/L		0J		0J		0U		0J		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0U		0J		0U
trans-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0J		0U
TRICHLOROETHENE	UG/L		110=		250J		0U		NA		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		0J		0J		0U		0J		0U

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-335B		2-62B		2-63B		2-63B		2-64B		2-65B	
	SampleID	1025		1090		1093		1094		1096		1098	
	DateSampled	12-SEP-96		13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0J		0J		0J		0J		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0J		0J		0J		0J		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0J		0J		0J		0J		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0J		0J		0J		0J		0J
1,1-DICHLOROETHANE	UG/L		0U		0J		1=		0J		0J		0J
1,1-DICHLOROETHENE	UG/L		0U		0J		0J		0J		0J		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0J		0J		0J		0J		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0J		0J		0J		0J		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0J		0J		0J		0J		0J
1,2-DICHLOROBENZENE	UG/L		0U		840=		0J		0J		0J		0J
1,2-DICHLOROETHANE	UG/L		0U		150J		0J		0J		0J		1=
1,2-DICHLOROPROPANE	UG/L		0U		0J		0J		0J		0J		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
1,3-DICHLOROBENZENE	UG/L		0U		0J		0J		0J		0J		0J
1,3-DICHLOROPROPANE	UG/L		0U		0J		0J		0J		0J		0J
1,4-DICHLOROBENZENE	UG/L		0U		130J		0J		0J		0J		0J
1-CHLOROHEXANE	UG/L		NA		0J		0J		0J		0J		0J
2,2-DICHLOROPROPANE	UG/L		0U		0J		0J		0J		0J		0J
2-CHLOROTOLUENE	UG/L		0U		0J		0J		0J		0J		0J
4-CHLOROTOLUENE	UG/L		0U		0J		0J		0J		0J		0J
BENZENE	UG/L		0U		0J		0J		0J		0J		0J
BROMOBENZENE	UG/L		0U		0J		0J		0J		0J		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0J		0J		0J		0J		0J
BROMOFORM	UG/L		0U		0J		0J		0J		0J		0J
BROMOMETHANE	UG/L		0U		0J		0J		0J		0J		0J
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0J		0J		0J		0J		4=
CHLOROETHANE	UG/L		0U		0J		0J		0J		0J		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-335B		2-62B		2-63B		2-63B		2-64B		2-65B	
	SampleID	1025		1090		1093		1094		1096		1098	
	DateSampled	12-SEP-96		13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0J		0J		0J		0J		0J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		1100J		47=		53J		35=		14=
cis-1,3-DICHLOROPROPENE	UG/L		0U		0J		0J		0J		0J		0J
CYMENE	UG/L		0U		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0J		0J		0J		0J		0J
DIBROMOMETHANE	UG/L		0U		0J		0J		0J		0J		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		NA		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0J		0J		0J		0J		0J
HEXACHLOROBUTADIENE	UG/L		0U		0J		0J		0J		0J		0J
ISOPROPYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		0J		0J		0J		0J		0J
METHYLENE CHLORIDE	UG/L		1J		480J		.9J		12J		2=		1J
N-BUTYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
N-PROPYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
NAPHTHALENE	UG/L		0U		0J		0J		0J		0J		0J
O-XYLENE	UG/L		NA		0J		0J		0J		0J		0J
P-ISOPROPYLTOLUENE	UG/L		NA		0J		0J		0J		0J		0J
SEC-BUTYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
STYRENE	UG/L		0U		0J		0J		0J		0J		0J
TERT-BUTYLBENZENE	UG/L		0U		0J		0J		0J		0J		0J
TETRACHLOROETHENE	UG/L		0U		0J		0J		0J		0J		22J
TOLUENE	UG/L		0U		0J		0J		0J		0J		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0J		2U		0J		4J		1=
trans-1,3-DICHLOROPROPENE	UG/L		0U		0J		0J		0J		0J		0J
TRICHLOROETHENE	UG/L		0U		9100=		47=		46J		160=		68=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		250=		260=		29=		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66A		2-66B		2-67A		2-67B		2-68A	
	SampleID	1099		1100		1103		1104		1107	
	DateSampled	22-SEP-95		22-SEP-95		22-SEP-95		22-SEP-95		22-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0J		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0J		17J		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0J		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0J		0J		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		0J		18J		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		0J		82=		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0J		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0J		0J		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
1,2-DICHLOROETHANE	UG/L		.3=		0U		340=		9=		29J
1,2-DICHLOROPROPANE	UG/L		0U		0U		0J		26=		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0J		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0J		0J		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
1-CHLOROHEXANE	UG/L		0U		0U		0J		0J		0J
2,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0J		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0J		0J		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0J		0J		0J
BENZENE	UG/L		0U		0U		120J		0J		0J
BROMOBENZENE	UG/L		0U		0U		0J		0J		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0J		0J		0J
BROMOFORM	UG/L		0U		0U		0J		0J		0J
BROMOMETHANE	UG/L		0U		0U		0J		0J		0J
CARBON TETRACHLORIDE	UG/L		14=		0J		0J		0J		280J
CHLOROBENZENE	UG/L		0U		0U		0J		0J		0J
CHLOROETHANE	UG/L		0U		0U		0J		0J		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66A		2-66B		2-67A		2-67B		2-68A	
	SampleID	1099		1100		1103		1104		1107	
	DateSampled	22-SEP-95		22-SEP-95		22-SEP-95		22-SEP-95		22-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
CHLOROFORM	UG/L		12=		0U		0J		9=		560=
CHLOROMETHANE	UG/L		0J		.4J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		67=		20=		0J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0J		0J
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0J		0J		0J
DIBROMOMETHANE	UG/L		0U		0U		0J		0J		0J
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0=		23=		0J		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0J		0J		0J
ISOPROPYLBENZENE	UG/L		0U		0U		15J		0J		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0J		0J		0J
METHYLENE CHLORIDE	UG/L		.5J		.5J		5=		4=		8=
N-BUTYLBENZENE	UG/L		0U		0U		0J		0J		0J
N-PROPYLBENZENE	UG/L		0U		0U		0J		0J		0J
NAPHTHALENE	UG/L		0U		0U		0J		0J		0J
O-XYLENE	UG/L		0U		0U		0J		0J		0J
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0J		0J		0J
SEC-BUTYLBENZENE	UG/L		0U		0U		5=		0J		0J
STYRENE	UG/L		0U		0U		0J		0J		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0J		0J		0J
TETRACHLOROETHENE	UG/L		0U		0U		0J		160J		0J
TOLUENE	UG/L		0U		0U		5=		0J		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0J		0J
TRICHLOROETHENE	UG/L		3=		0U		30=		12J		47=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		44=		7=		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-68B		2AR		41AR		42AR		43AR		45AR	
	SampleID	1111		1241		1284		1288		1300		1311	
	DateSampled	22-SEP-95		11-SEP-95		04-OCT-95		04-OCT-95		06-SEP-95		07-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,1,1-TRICHLOROETHANE	UG/L	1	=	0	U	0	U	0	U	0	U	0	J
1,1,2,2-TETRACHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,1,2-TRICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROETHENE	UG/L	3	=	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,2,4-TRIMETHYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	=	0	=	0	=	0	=	0	=	0	J
1,2-DICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,2-DICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	14	=
1,2-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,3,5-TRIMETHYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,3-DICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,3-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
1,4-DICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	NA	
1-CHLOROHEXANE	UG/L	0	U	NA		0	U	0	U	NA		NA	
2,2-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
2-CHLOROTOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
4-CHLOROTOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
BENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
BROMOBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
BROMOFORM	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
BROMOMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J
CARBON TETRACHLORIDE	UG/L	.3	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	14	=
CHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-68B		2AR		41AR		42AR		43AR		45AR	
	SampleID	1111		1241		1284		1288		1300		1311	
	DateSampled	22-SEP-95		11-SEP-95		04-OCT-95		04-OCT-95		06-SEP-95		07-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		2=		0U		0U		0U		0U		0J
CHLOROMETHANE	UG/L		.3=		.3J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		.5=		0U		0U		0U		0U		120=
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0J
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0J
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		NA		NA		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0J
METHYLENE CHLORIDE	UG/L		.5J		5=		.4J		.4J		.4J		2=
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0J
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0J
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0J
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
STYRENE	UG/L		0U		0U		0U		0U		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
TETRACHLOROETHENE	UG/L		17=		0U		0U		0U		0U		0J
TOLUENE	UG/L		0U		0U		0U		0U		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0J
TRICHLOROETHENE	UG/L		.6=		0U		0U		0U		0U		16=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	46AR		47AR		4AR		4AR		59B		5AR	
	SampleID	1317		1323		1334		1335		1384		1391	
	DateSampled	07-SEP-95		19-SEP-95		18-SEP-95		18-SEP-95		08-SEP-95		20-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1,1-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1,2,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1,2-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1-DICHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1-DICHLOROETHENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,2,4-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	J	0	=	0	=	0	J	0	J	0	=
1,2-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,2-DICHLOROETHANE	UG/L	32	J	0	U	.6	=	0	J	0	J	11	=
1,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,3,5-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,3-DICHLOROBENZENE	UG/L	0	J	0	U	NA		0	J	0	J	0	U
1,3-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
1,4-DICHLOROBENZENE	UG/L	0	J	0	U	NA		4	=	0	J	0	U
1-CHLOROHEXANE	UG/L	NA		NA		NA		NA		NA		0	U
2,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
2-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
4-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
BENZENE	UG/L	0	J	0	U	.5	=	0	J	0	J	0	U
BROMOBENZENE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
BROMOFORM	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
BROMOMETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	1	J	0	U	57	=	49	=	0	J	0	U
CHLOROETHANE	UG/L	0	J	0	U	0	U	0	J	0	J	0	U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	46AR		47AR		4AR		4AR		59B		5AR	
	SampleID	1317		1323		1334		1335		1384		1391	
	DateSampled	07-SEP-95		19-SEP-95		18-SEP-95		18-SEP-95		08-SEP-95		20-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0J		0U		0U		0J		0J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		48=		0U		1=		1=		57J		4=
cis-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0J		0J		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0J		0U		0U		0J		0J		0U
DIBROMOMETHANE	UG/L		0J		0U		0U		0J		0J		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		NA
ETHYLBENZENE	UG/L		0J		0=		0=		0J		0J		0=
HEXACHLOROBUTADIENE	UG/L		0J		0U		0U		0J		0J		0U
ISOPROPYLBENZENE	UG/L		0J		0U		0U		0J		0J		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		0U		0U		0J		0J		0U
METHYLENE CHLORIDE	UG/L		2J		.7J		.6J		3=		31=		.3J
N-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0J		0U
N-PROPYLBENZENE	UG/L		0J		0U		0U		0J		0J		0U
NAPHTHALENE	UG/L		0J		0U		0U		0J		0J		0U
O-XYLENE	UG/L		0J		0U		0U		0J		0J		0U
P-ISOPROPYLTOLUENE	UG/L		0J		0U		0U		0J		0J		0U
SEC-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0J		0U
STYRENE	UG/L		0J		0U		0U		0J		0J		0U
TERT-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0J		0U
TETRACHLOROETHENE	UG/L		0J		0U		0U		0J		0J		0U
TOLUENE	UG/L		0J		0U		0U		0J		0J		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0J		0J		0U
TRICHLOROETHENE	UG/L		5J		0U		0U		0J		1100J		.7=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5C		6		60B		61A		62		7	
	SampleID	1396		1397		1400		1458		1462		1485	
	DateSampled	20-SEP-95		25-JUL-95		05-SEP-95		20-SEP-95		20-SEP-95		07-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0U		0J		0U		0U		0J		0U	
1,1,1-TRICHLOROETHANE	UG/L	0U		0J		0U		0U		0J		0U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0U		0J		0U		0U		0J		0U	
1,1,2-TRICHLOROETHANE	UG/L	0U		0J		0U		0U		0J		0U	
1,1-DICHLOROETHANE	UG/L	0U		0J		0U		0U		0J		.7J	
1,1-DICHLOROETHENE	UG/L	0U		0J		0U		0U		3=		0U	
1,1-DICHLOROPROPENE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L	0U		0J		0U		.8=		0J		0U	
1,2,3-TRICHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L	0U		0J		0U		4=		0J		0U	
1,2,4-TRIMETHYLBENZENE	UG/L	0U		0J		0U		0U		0J		0U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L	0=		0J		0=		0=		0J		0=	
1,2-DICHLOROBENZENE	UG/L	0U		0J		0U		0U		0J		0U	
1,2-DICHLOROETHANE	UG/L	11=		0J		.3=		0U		0J		0U	
1,2-DICHLOROPROPANE	UG/L	0U		0J		0U		0U		0J		0U	
1,3,5-TRIMETHYLBENZENE	UG/L	0U		0J		0U		0U		0J		0U	
1,3-DICHLOROBENZENE	UG/L	0U		0J		0U		0U		0J		0U	
1,3-DICHLOROPROPANE	UG/L	0U		0J		0U		0U		0J		0U	
1,4-DICHLOROBENZENE	UG/L	0U		0J		0U		NA		0J		0U	
1-CHLOROHEXANE	UG/L	0U		0J		NA		0U		NA		0U	
2,2-DICHLOROPROPANE	UG/L	0U		0J		0U		0U		0J		0U	
2-CHLOROTOLUENE	UG/L	0U		0J		0U		0U		0J		0U	
4-CHLOROTOLUENE	UG/L	0U		0J		0U		0U		0J		0U	
BENZENE	UG/L	0U		0J		0U		0U		0J		0U	
BROMOBENZENE	UG/L	0U		0J		0U		0U		0J		0U	
BROMOCHLOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L	0U		0J		0U		0U		0J		0U	
BROMOFORM	UG/L	0U		0J		0U		0U		0J		0U	
BROMOMETHANE	UG/L	0U		0J		0U		0U		0J		0U	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L	0U		0J		1=		.6=		0J		1=	
CHLOROETHANE	UG/L	0U		0J		0U		0U		0J		.7=	

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	5C		6		60B		61A		62		7	
	SampleID	1396		1397		1400		1458		1462		1485	
	DateSampled	20-SEP-95		25-JUL-95		05-SEP-95		20-SEP-95		20-SEP-95		07-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0J		0U		0U		0J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		4=		3700=		4=		.9=		8=		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0J		0U		0U		0J		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0J		0U		0U		0J		0U
DIBROMOMETHANE	UG/L		0U		0J		0U		0U		0J		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		0J		NA		0J		NA
ETHYLBENZENE	UG/L		0=		0J		0=		0=		0J		0=
HEXACHLOROBUTADIENE	UG/L		0U		0J		0U		0U		0J		0U
ISOPROPYLBENZENE	UG/L		0U		0J		0U		0U		0J		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0J		0U		0U		0J		0U
METHYLENE CHLORIDE	UG/L		.6J		0J		.7J		.4J		3J		0J
N-BUTYLBENZENE	UG/L		0U		0J		0U		0U		0J		0U
N-PROPYLBENZENE	UG/L		0U		0J		0U		0U		0J		0U
NAPHTHALENE	UG/L		0U		0J		0U		0U		0J		0U
O-XYLENE	UG/L		0U		0J		0U		0U		0J		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0J		0U		0U		0J		0U
SEC-BUTYLBENZENE	UG/L		0U		0J		0U		0U		0J		0U
STYRENE	UG/L		0U		0J		0U		0U		0J		0U
TERT-BUTYLBENZENE	UG/L		0U		0J		0U		0U		0J		0U
TETRACHLOROETHENE	UG/L		0U		0J		0U		0U		82=		0U
TOLUENE	UG/L		0U		0J		0U		0U		0J		.3J
TRANS-1,2-DICHLOROETHENE	UG/L		.3=		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0J		0U		0U		0J		0U
TRICHLOROETHENE	UG/L		.6=		350=		2=		2=		5=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		1600J		0J		.3=		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B		76A		77A		78A		79BR		83BR	
	SampleID	1493		1495		1501		1511		1518		1533	
	DateSampled	12-SEP-95		19-SEP-95		22-SEP-95		18-SEP-95		05-SEP-95		11-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1,1-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1,2,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1,2-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1-DICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1-DICHLOROETHENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,2,4-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	J	0	=	0	=	0	=	0	J	0	J
1,2-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,2-DICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,3,5-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,3-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,3-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
1,4-DICHLOROBENZENE	UG/L	0	J	3	=	0	U	0	U	0	J	0	J
1-CHLOROHEXANE	UG/L	NA		NA		0	U	NA		NA		NA	
2,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
2-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
4-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
BENZENE	UG/L	0	J	.3	=	0	U	0	U	0	J	0	J
BROMOBENZENE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
BROMOFORM	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
BROMOMETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	2	=	3	=	0	U	0	U	0	J	0	J
CHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	J	0	J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B		76A		77A		78A		79BR		83BR	
	SampleID	1493		1495		1501		1511		1518		1533	
	DateSampled	12-SEP-95		19-SEP-95		22-SEP-95		18-SEP-95		05-SEP-95		11-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0J		0U		0U		0U		0J		0J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		7=		4=		0U		.9=		0J		7=
cis-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0U		0J		0J
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0J		0U		0U		0U		0J		0J
DIBROMOMETHANE	UG/L		0J		0U		0U		0U		0J		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		NA		0J		0J		0J
ETHYLBENZENE	UG/L		0J		0=		0=		0=		0J		0J
HEXACHLOROBUTADIENE	UG/L		0J		0U		0U		0U		0J		0J
ISOPROPYLBENZENE	UG/L		0J		0U		0U		0U		0J		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		0U		0U		0U		0J		0J
METHYLENE CHLORIDE	UG/L		40J		.6J		.4J		2=		130J		12J
N-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0J		0J
N-PROPYLBENZENE	UG/L		0J		0U		0U		0U		0J		0J
NAPHTHALENE	UG/L		0J		0U		0U		0U		0J		0J
O-XYLENE	UG/L		0J		0U		0U		0U		0J		0J
P-ISOPROPYLTOLUENE	UG/L		0J		0U		0U		0U		0J		0J
SEC-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0J		0J
STYRENE	UG/L		0J		0U		0U		0U		0J		0J
TERT-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0J		0J
TETRACHLOROETHENE	UG/L		0J		0U		0U		0U		0J		0J
TOLUENE	UG/L		0J		0U		0U		0U		0J		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0U		0J		0J
TRICHLOROETHENE	UG/L		110=		0U		0U		18=		7600=		210=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		2=		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B		9A		2-333B		1-66B	
	SampleID	1537		1543		1546		1549		2277		233	
	DateSampled	08-SEP-95		27-SEP-95		08-SEP-95		26-SEP-95		30-AUG-96		24-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U
1,1,1-TRICHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U
1,1,2-TRICHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U
1,1-DICHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U
1,1-DICHLOROETHENE	UG/L		0J		0J		0U		0U		NA		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		NA		0J
1,2,3-TRICHLOROBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		NA		0J
1,2,4-TRICHLOROBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		NA		0J
1,2-DIBROMOETHANE	UG/L		0J		0J		0=		0=		NA		0=
1,2-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,2-DICHLOROETHANE	UG/L		0J		0J		1=		0U		6J		0U
1,2-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		NA		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,3-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1,3-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		NA		0U
1,4-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		NA		0U
1-CHLOROHEXANE	UG/L		NA		0J		NA		0U		NA		NA
2,2-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		NA		0U
2-CHLOROTOLUENE	UG/L		0J		0J		0U		0U		NA		0U
4-CHLOROTOLUENE	UG/L		0J		0J		0U		0U		NA		0U
BENZENE	UG/L		0J		0J		.3=		0U		NA		0U
BROMOBENZENE	UG/L		0J		0J		0U		0U		NA		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		NA		0J
BROMODICHLOROMETHANE	UG/L		0J		0J		0U		0U		NA		0U
BROMOFORM	UG/L		0J		0J		0U		0U		NA		0U
BROMOMETHANE	UG/L		0J		0J		0U		0U		NA		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		NA		0J
CHLOROBENZENE	UG/L		0J		0J		1=		.8=		NA		0U
CHLOROETHANE	UG/L		0J		0J		0U		0U		NA		0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B		9A		2-333B		1-66B	
	SampleID	1537		1543		1546		1549		2277		233	
	DateSampled	08-SEP-95		27-SEP-95		08-SEP-95		26-SEP-95		30-AUG-96		24-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0J		0J		0U		0U		NA		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		NA		0J
cis-1,2-DICHLOROETHENE	UG/L		3=		9=		5=		2=		NA		0U
cis-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0U		NA		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0J		0J		0U		0U		NA		0U
DIBROMOMETHANE	UG/L		0J		0J		0U		0U		NA		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		NA		0J		NA		NA		0J
ETHYLBENZENE	UG/L		0J		0J		0=		0=		NA		0=
HEXACHLOROBUTADIENE	UG/L		0J		0J		0U		0U		NA		0U
ISOPROPYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		0J		0U		0U		NA		0U
METHYLENE CHLORIDE	UG/L		11J		9=		.4J		.3J		NA		.9J
N-BUTYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
N-PROPYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
NAPHTHALENE	UG/L		0J		0J		0U		0U		NA		0U
O-XYLENE	UG/L		0J		0J		0U		0U		NA		0U
P-ISOPROPYLTOLUENE	UG/L		0J		0J		0U		0U		NA		0U
SEC-BUTYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
STYRENE	UG/L		0J		0J		0U		0U		NA		0U
TERT-BUTYLBENZENE	UG/L		0J		0J		0U		0U		NA		0U
TETRACHLOROETHENE	UG/L		0J		0J		0U		0U		NA		0U
TOLUENE	UG/L		0J		0J		0U		0U		NA		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		2=		0J		NA		0J
trans-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0U		NA		0U
TRICHLOROETHENE	UG/L		190J		410=		0U		2=		3J		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		NA		0J
VINYL CHLORIDE	UG/L		0J		0J		4=		.4=		NA		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66B		1-67B		1-67B		10A		11A		13	
	SampleID	234		242		243		416		424		471	
	DateSampled	20-NOV-95		23-AUG-95		16-NOV-95		05-SEP-95		27-SEP-95		07-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0J		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0J		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		.5=		0J		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0J		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0J		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		0J		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0J		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0J		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0J		0U
BENZENE	UG/L		0U		0U		0U		0U		0J		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0J		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0J		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0J		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0J		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0J		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0J		0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66B		1-67B		1-67B		10A		11A		13	
	SampleID	234		242		243		416		424		471	
	DateSampled	20-NOV-95		23-AUG-95		16-NOV-95		05-SEP-95		27-SEP-95		07-AUG-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		6=		0J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		2=		17J		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0J		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		.3J		0J		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0J		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0J		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0J		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0J		0U
METHYLENE CHLORIDE	UG/L		.7J		0J		.6J		.4J		6=		0J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0J		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0J		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0J		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
STYRENE	UG/L		0U		0U		0U		0U		0J		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0J		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0J		0U
TOLUENE	UG/L		0U		0U		0U		0U		0J		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0J		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		3=		270J		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		9=		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1AR		2-106B		2-11		2-111B		2-112B		2-113B	
	SampleID	499		522		543		550		553		562	
	DateSampled	26-SEP-95		27-JUL-95		26-SEP-95		27-JUL-95		27-JUL-95		28-JUL-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1,1-TRICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1,2,2-TETRACHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1,2-TRICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1-DICHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1-DICHLOROETHENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,2,4-TRIMETHYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	=	0	=	0	=	0	=	0	=	0	=
1,2-DICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,2-DICHLOROETHANE	UG/L	1	=	0	U	0	U	0	U	0	U	0	U
1,2-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,3,5-TRIMETHYLBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,3-DICHLOROBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,3-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
1,4-DICHLOROBENZENE	UG/L	0	U	0	U	3	=	0	U	0	U	0	U
1-CHLOROHEXANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
2,2-DICHLOROPROPANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
2-CHLOROTOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
4-CHLOROTOLUENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
BENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
BROMOBENZENE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
BROMOFORM	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
BROMOMETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	0	U	0	U	18	=	0	U	0	U	0	U
CHLOROETHANE	UG/L	0	U	0	U	0	U	0	U	0	U	0	U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1AR		2-106B		2-11		2-111B		2-112B		2-113B	
	SampleID	499		522		543		550		553		562	
	DateSampled	26-SEP-95		27-JUL-95		26-SEP-95		27-JUL-95		27-JUL-95		28-JUL-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		12=		0U		1=		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		0J		.4J		0J		0J		.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		.4=		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		16=		0U		8=		0U		0U		.5J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114B		2-115B		2-122A		2-123A		2-124A		2-125A	
	SampleID	564		566		590		596		607		612	
	DateSampled	25-JUL-95		28-JUL-95		20-SEP-95		11-SEP-95		11-SEP-95		06-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		3=		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0J		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		43=		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0J		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		29=		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		0U		0J		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		3=		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		1=		0U		0U		0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114B		2-115B		2-122A		2-123A		2-124A		2-125A	
	SampleID	564		566		590		596		607		612	
	DateSampled	25-JUL-95		28-JUL-95		20-SEP-95		11-SEP-95		11-SEP-95		06-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		3=		0U		5=		0U		0U		2U
CHLOROMETHANE	UG/L		0J		0J		0J		.4=		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		27=		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0J		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		0J		0J		0J
ETHYLBENZENE	UG/L		0=		.3J		0J		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0J		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		5=		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0J		0U		0U		0U
METHYLENE CHLORIDE	UG/L		1J		.6J		0J		.6J		.7J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		12=		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		3=		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0J		0U		0U		0U
O-XYLENE	UG/L		0U		0U		3=		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		23=		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		6=		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		2=		0U		0U		0U
TOLUENE	UG/L		0U		.6J		0J		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		5=		8=		3=		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		8=		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126A		2-127A		2-128A		2-129A		2-130A		2-131A	
	SampleID	616		622		625		631		640		651	
	DateSampled	05-SEP-95		07-SEP-95		05-SEP-95		27-SEP-95		12-SEP-95		19-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1,1-TRICHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1,2,2-TETRACHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1,2-TRICHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1-DICHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1-DICHLOROETHENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,2,4-TRIMETHYLBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	=	0	J	0	J	0	=	0	=	0	J
1,2-DICHLOROBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,2-DICHLOROETHANE	UG/L	4	=	3	=	60	=	0	U	0	U	0	J
1,2-DICHLOROPROPANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,3,5-TRIMETHYLBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,3-DICHLOROBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,3-DICHLOROPROPANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
1,4-DICHLOROBENZENE	UG/L	0	U	4	=	0	J	0	U	0	U	0	J
1-CHLOROHEXANE	UG/L	NA		NA		NA		0	U	NA		0	J
2,2-DICHLOROPROPANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
2-CHLOROTOLUENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
4-CHLOROTOLUENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
BENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
BROMOBENZENE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
BROMOFORM	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
BROMOMETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	4	=	42	=	0	J	0	U	0	U	0	J
CHLOROETHANE	UG/L	0	U	0	J	0	J	0	U	0	U	0	J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126A		2-127A		2-128A		2-129A		2-130A		2-131A	
	SampleID	616		622		625		631		640		651	
	DateSampled	05-SEP-95		07-SEP-95		05-SEP-95		27-SEP-95		12-SEP-95		19-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0J		0J		0U		0U		0J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		6=		180=		89=		0U		0U		120=
cis-1,3-DICHLOROPROPENE	UG/L		0U		0J		0J		0U		0U		0J
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0J		0J		0U		0U		0J
DIBROMOMETHANE	UG/L		0U		0J		0J		0U		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		NA		0J		NA
ETHYLBENZENE	UG/L		0=		0J		0J		0=		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0J		0J		0U		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0J		0J		0U		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0J		0J		0U		0U		0J
METHYLENE CHLORIDE	UG/L		.9J		35=		60=		.4J		.6J		3J
N-BUTYLBENZENE	UG/L		0U		0J		0J		0U		0U		0J
N-PROPYLBENZENE	UG/L		0U		0J		0J		0U		0U		0J
NAPHTHALENE	UG/L		0U		0J		0J		0U		0U		0J
O-XYLENE	UG/L		0U		0J		0J		0U		0U		0J
P-ISOPROPYLTOLUENE	UG/L		0U		0J		0J		0U		0U		0J
SEC-BUTYLBENZENE	UG/L		0U		0J		0J		0U		0U		0J
STYRENE	UG/L		0U		0J		0J		0U		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0J		0J		0U		0U		0J
TETRACHLOROETHENE	UG/L		0U		0J		0J		0U		0U		0J
TOLUENE	UG/L		0U		0J		0J		0U		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		3=		0J		0J		0J		6=
trans-1,3-DICHLOROPROPENE	UG/L		0U		0J		0J		0U		0U		0J
TRICHLOROETHENE	UG/L		0U		18J		1500=		4=		0U		92=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		11J		0J		0J		0J		8=
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-134B		2-135B		2-136B	
	SampleID	656		663		668		669		672		674	
	DateSampled	18-SEP-95		07-SEP-95		12-SEP-95		12-SEP-95		12-SEP-95		12-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0U		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		5=		3=		0U		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0U		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0J		0U		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		.6=		0J		.6=		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		14=		9=		0U		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		.7=		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		.3=		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0J		0=		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		NA		0J
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0J		0U		63=
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		.3=		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		.8=		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1-CHLOROHEXANE	UG/L		NA		NA		0U		0J		0U		0J
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0U		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0U		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0U		0J
BENZENE	UG/L		0U		0U		0U		0J		3=		2=
BROMOBENZENE	UG/L		0U		0U		0U		0J		0U		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0J		0U		0J
BROMOFORM	UG/L		0U		0U		0U		0J		0U		0J
BROMOMETHANE	UG/L		0U		0U		0U		0J		0U		0J
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		20=
CHLOROBENZENE	UG/L		0U		0U		0U		0J		.3=		0J
CHLOROETHANE	UG/L		0U		0U		0U		0J		0U		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-134B		2-135B		2-136B	
	SampleID	656		663		668		669		672		674	
	DateSampled	18-SEP-95		07-SEP-95		12-SEP-95		12-SEP-95		12-SEP-95		12-SEP-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		3=		2=		0U		89=
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		3=		0U		2=		2=		.6=		99=
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0U		0J
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0J		0U		0J
DIBROMOMETHANE	UG/L		0U		0U		0U		0J		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0J		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0J		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0J		0U		0J
METHYLENE CHLORIDE	UG/L		1J		.3J		.4J		.8J		2=		8J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
N-PROPYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
NAPHTHALENE	UG/L		0U		0U		0U		0J		0U		0J
O-XYLENE	UG/L		0U		0U		0U		0J		0U		0J
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0J		0U		0J
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0J		.7=		0J
STYRENE	UG/L		0U		0U		0U		0J		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0J		1=		0J
TETRACHLOROETHENE	UG/L		0U		0U		39=		36=		0U		0J
TOLUENE	UG/L		0U		0U		0U		0J		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		.4=		0J		0J		0J		2=		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0U		0J
TRICHLOROETHENE	UG/L		19=		0U		1=		.9=		0U		120=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B		2-143B	
	SampleID	678		684		692		707		710		713	
	DateSampled	05-OCT-95		09-OCT-95		06-OCT-95		13-SEP-95		13-SEP-95		05-OCT-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,1,1-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,1,2,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,1,2-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,1-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,1-DICHLOROETHENE	UG/L	0U		0U		0U		0U		0U		0J	
1,1-DICHLOROPROPENE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,2,3-TRICHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,2,4-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L	0=		0=		0=		0=		0=		0J	
1,2-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,2-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	
1,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U		0J	
1,3,5-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,3-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1,3-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U		0J	
1,4-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
1-CHLOROHEXANE	UG/L	0U		0U		0U		NA		NA		0J	
2,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U		0J	
2-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U		0J	
4-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U		0J	
BENZENE	UG/L	0U		0U		0U		0U		0U		0J	
BROMOBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
BROMOCHLOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L	0U		0U		0U		0U		0U		0J	
BROMOFORM	UG/L	0U		0U		0U		0U		0U		0J	
BROMOMETHANE	UG/L	0U		0U		0U		0U		0U		0J	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J		31=	
CHLOROBENZENE	UG/L	0U		0U		0U		0U		0U		0J	
CHLOROETHANE	UG/L	0U		0U		0U		0U		0U		0J	

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B		2-143B	
	SampleID	678		684		692		707		710		713	
	DateSampled	05-OCT-95		09-OCT-95		06-OCT-95		13-SEP-95		13-SEP-95		05-OCT-95	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		0U		19J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		26J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0J
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0J
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		0J		0J		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0J
METHYLENE CHLORIDE	UG/L		.3J		.4J		.5J		.7J		.5J		34J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0J
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0J
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0J
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
STYRENE	UG/L		0U		0U		0U		0U		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0J
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0J
TOLUENE	UG/L		0U		0U		0U		0U		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0J
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		2=		1100J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-147A		2-19B		2-20B		2-21B		2-271B	
	SampleID	716		723		795		800		804		851	
	DateSampled	09-OCT-95		01-AUG-95		20-SEP-95		20-SEP-95		25-JUL-95		11-SEP-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	
1,1,1-TRICHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	
1,1,2-TRICHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	
1,1-DICHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	
1,1-DICHLOROETHENE	UG/L	0J		0U		0U		0J		0U		0U	
1,1-DICHLOROPROPENE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
1,2,3-TRICHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L	0J		0U		0U		30J		0U		0U	
1,2,4-TRIMETHYLBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J		0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L	0J		0=		0=		0J		0=		0=	
1,2-DICHLOROBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
1,2-DICHLOROETHANE	UG/L	900=		0U		0U		0J		0U		0U	
1,2-DICHLOROPROPANE	UG/L	0J		0U		0U		0J		0U		0U	
1,3,5-TRIMETHYLBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
1,3-DICHLOROBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
1,3-DICHLOROPROPANE	UG/L	0J		0U		0U		0J		0U		0U	
1,4-DICHLOROBENZENE	UG/L	0J		0U		NA		0J		0U		0U	
1-CHLOROHEXANE	UG/L	0J		0U		0U		NA		0U		NA	
2,2-DICHLOROPROPANE	UG/L	0J		0U		0U		0J		0U		0U	
2-CHLOROTOLUENE	UG/L	0J		0U		0U		0J		0U		0U	
4-CHLOROTOLUENE	UG/L	0J		0U		0U		0J		0U		0U	
BENZENE	UG/L	0J		0U		0U		0J		0U		0U	
BROMOBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
BROMOCHLOROMETHANE	UG/L	0J		0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L	0J		0U		0U		0J		0U		0U	
BROMOFORM	UG/L	0J		0U		0U		0J		0U		0U	
BROMOMETHANE	UG/L	0J		0U		0U		0J		0U		0U	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L	0J		0U		0U		0J		0U		0U	
CHLOROETHANE	UG/L	0J		0U		0U		0J		0U		0U	

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-147A		2-19B		2-20B		2-21B		2-271B	
	SampleID	716		723		795		800		804		851	
	DateSampled	09-OCT-95		01-AUG-95		20-SEP-95		20-SEP-95		25-JUL-95		11-SEP-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		91=		0U		0U		0J		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		15J		0U		.5=		850=		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0J		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		0U
DIBROMOCHLOROMETHANE	UG/L		0J		0U		0U		0J		0U		0U
DIBROMOMETHANE	UG/L		0J		0U		0U		0J		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		0J		NA		0J
ETHYLBENZENE	UG/L		0J		0=		0=		0J		0=		0=
HEXACHLOROBUTADIENE	UG/L		0J		0U		0U		0J		0U		0U
ISOPROPYLBENZENE	UG/L		0J		0U		0U		0J		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		0U		0U		0J		0U		NA
METHYLENE CHLORIDE	UG/L		20J		.2J		.3J		26=		0J		1J
N-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0U		0U
N-PROPYLBENZENE	UG/L		0J		0U		0U		0J		0U		0U
NAPHTHALENE	UG/L		0J		0U		0U		0J		0U		0U
O-XYLENE	UG/L		0J		0U		0U		0J		0U		NA
P-ISOPROPYLTOLUENE	UG/L		0J		0U		0U		0J		0U		NA
SEC-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0U		0U
STYRENE	UG/L		0J		0U		0U		0J		0U		0U
TERT-BUTYLBENZENE	UG/L		0J		0U		0U		0J		0U		0U
TETRACHLOROETHENE	UG/L		0J		0U		0U		0J		0U		0U
TOLUENE	UG/L		0J		0U		0U		0J		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0U
trans-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0J		0U		0U
TRICHLOROETHENE	UG/L		97=		0U		.7=		44=		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		79=		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		0U

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-272B		2-273B		2-274B		2-278B		2-279B		2-280B	
	SampleID	855		859		862		869		870		872	
	DateSampled	22-AUG-96		09-AUG-96		22-AUG-96		15-JUL-96		15-JUL-96		16-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		0J		0J		0U		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0J		0J		0=		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1,2-DICHLOROETHANE	UG/L		.5J		0U		0J		0J		0U		0J
1,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0J		0U		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0J		0U		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0J		0J		0U		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0J		0U		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0J		0J		0U		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0J		0J		0U		0J
BENZENE	UG/L		0U		0U		0J		0J		0U		0J
BROMOBENZENE	UG/L		0U		0U		0J		0J		0U		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0J		0J		0U		0J
BROMOFORM	UG/L		0U		0U		0J		0J		0U		0J
BROMOMETHANE	UG/L		0U		0U		0J		0J		0U		0J
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		5J		.3J		33J
CHLOROBENZENE	UG/L		0U		0U		0J		0J		0U		0J
CHLOROETHANE	UG/L		0U		0U		0J		0J		0U		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-272B		2-273B		2-274B		2-278B		2-279B		2-280B	
	SampleID	855		859		862		869		870		872	
	DateSampled	22-AUG-96		09-AUG-96		22-AUG-96		15-JUL-96		15-JUL-96		16-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0J		5J		.7J		11J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		.6=		0U		46J		9=		1=		0J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0J		0U		0J
CYMENE	UG/L		0U		0U		0J		0J		0U		0J
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0J		0J		0U		0J
DIBROMOMETHANE	UG/L		0U		0U		0J		0J		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0J		0J		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0J		0J		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		.6J		.45J		13J		21J		2J		49J
N-BUTYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
N-PROPYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
NAPHTHALENE	UG/L		0U		0U		0J		0J		0U		0J
O-XYLENE	UG/L		NA		NA		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
STYRENE	UG/L		0U		0U		0J		0J		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0J		0J		0U		0J
TETRACHLOROETHENE	UG/L		0U		0U		0J		0J		0U		0J
TOLUENE	UG/L		0U		0U		0J		0J		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0J		0J		0U		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0J		0U		0J
TRICHLOROETHENE	UG/L		9=		0U		260J		270J		23=		770J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		0U		0J		0J		0U		0J

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B		2-290B	
	SampleID	876		882		893		906		910		915	
	DateSampled	16-AUG-96		03-SEP-96		02-AUG-96		12-SEP-96		12-SEP-96		15-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		.7J		0U		0J		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0J		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0J		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		11J		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0J		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0J		0U		0U		0U
BENZENE	UG/L		0U		0U		0J		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0J		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0J		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0J		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0J		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		12U		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B		2-290B	
	SampleID	876		882		893		906		910		915	
	DateSampled	16-AUG-96		03-SEP-96		02-AUG-96		12-SEP-96		12-SEP-96		15-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		96=		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		3=
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		4.8=		0U		9=		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0U		0U		0U
CYMENE	UG/L		0U		0U		0J		0U		0U		0U
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0J		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0J		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0J		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0J		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		.7J		1J		4.9J		1J		1J		.8J
N-BUTYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		2.1J		0U		0U		0U
O-XYLENE	UG/L		NA		NA		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
STYRENE	UG/L		0U		0U		0J		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0J		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0J		0U		0U		0U
TOLUENE	UG/L		0U		0U		0J		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0J		0U		0U		0U
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J		0U		0U		0U
TRICHLOROETHENE	UG/L		.5J		0U		3.9J		0U		9=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		0U		0J		0U		0U		0U

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-293B		2-294B		2-295B		2-296B	
	SampleID	918		923		925		929		932		934	
	DateSampled	15-JUL-96		23-SEP-96		16-JUL-96		02-AUG-96		09-AUG-96		09-AUG-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		.7J		0J		0J		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0J		0J		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		3.2J		7.4J		3.3J
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		.4J		0J		0J		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		3.6J		0J
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0J		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0J		0J
BENZENE	UG/L		0U		0U		0U		.92J		3.2J		0J
BROMOBENZENE	UG/L		0U		0U		0U		0J		0J		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0J		0J		0J
BROMOFORM	UG/L		0U		0U		0U		0J		0J		0J
BROMOMETHANE	UG/L		0U		0U		0U		0J		0J		0J
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		6.8J		49=		7.5=
CHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-293B		2-294B		2-295B		2-296B	
	SampleID	918		923		925		929		932		934	
	DateSampled	15-JUL-96		23-SEP-96		16-JUL-96		02-AUG-96		09-AUG-96		09-AUG-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0J		0J		0J
CHLOROMETHANE	UG/L		3=		0J		23=		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		68=		220J		210J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0J		0J
CYMENE	UG/L		0U		0U		0U		0J		0J		0J
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0J		0J		0J
DIBROMOMETHANE	UG/L		0U		0U		0U		0J		0J		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0J		0J		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0J		0J		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		.7J		4J		1J		2.7J		5.8J		9.8J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
N-PROPYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
NAPHTHALENE	UG/L		0U		0U		NA		1.3J		0J		0J
O-XYLENE	UG/L		NA		NA		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
STYRENE	UG/L		0U		0U		0U		0J		0J		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
TETRACHLOROETHENE	UG/L		0U		0U		0U		0J		0J		0J
TOLUENE	UG/L		0U		.4J		1J		0J		0J		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0J		0J
TRICHLOROETHENE	UG/L		0U		11J		0U		2.1J		12J		5.3J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		.4J		1J		0J		0J		0J

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B		2-300B		2-301B		2-302B	
	SampleID	937		938		941		956		960		963	
	DateSampled	12-SEP-96		22-JUL-96		28-AUG-96		02-AUG-96		16-JUL-96		30-AUG-96	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		0J		0U		0U		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0J		0=		0=		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,2-DICHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J
1,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0J		0U		0U		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0J		0U		0U		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0J		0U		0U		0J
BENZENE	UG/L		0U		0U		0J		0U		0U		0J
BROMOBENZENE	UG/L		0U		0U		0J		0U		0U		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0J		0U		0U		0J
BROMOFORM	UG/L		0U		0U		0J		0U		0U		0J
BROMOMETHANE	UG/L		0U		0U		0J		0U		0U		0J
CARBON TETRACHLORIDE	UG/L		0J		.3J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0J		0U		0U		0J
CHLOROETHANE	UG/L		0U		0U		0J		0U		0U		0J

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B	2-300B		2-301B		2-302B	
	SampleID	937		938		941	956		960		963	
	DateSampled	12-SEP-96		22-JUL-96		28-AUG-96	02-AUG-96		16-JUL-96		30-AUG-96	
	Aquifer Zone	USZ		USZ		USZ	USZ		USZ		USZ	
Parameter	**Units**											
CHLOROFORM	UG/L		0U		0U		0J	0U		0U		0J
CHLOROMETHANE	UG/L		0J		0J		0J	0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0J	0U		0U		0J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J	0U		0U		0J
CYMENE	UG/L		0U		0U		0J	0U		0U		0J
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0J	0U		0U		0J
DIBROMOMETHANE	UG/L		0U		0U		0J	0U		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J	0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0J	0=		0=		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0J	0U		0U		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0J	0U		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA	NA		NA		NA
METHYLENE CHLORIDE	UG/L		1J		1J		6J	.72J		1J		11J
N-BUTYLBENZENE	UG/L		0U		0U		0J	0U		0U		0J
N-PROPYLBENZENE	UG/L		0U		0U		0J	0U		0U		0J
NAPHTHALENE	UG/L		0U		0U		2J	0U		0U		0J
O-XYLENE	UG/L		NA		NA		NA	NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA	NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0J	0U		0U		0J
STYRENE	UG/L		0U		0U		0J	0U		0U		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0J	0U		0U		0J
TETRACHLOROETHENE	UG/L		0U		0U		0J	0U		0U		12J
TOLUENE	UG/L		.4J		0U		0J	0U		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0J	0U		0U		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0J	0U		0U		0J
TRICHLOROETHENE	UG/L		0U		0U		100J	0U		0U		220=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J	0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J	0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		0U		0J	0U		0U		0J

NA - Not Analyzed

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-304B		2-310B		2-311B	
	SampleID	967		981		982	
	DateSampled	28-AUG-96		15-JUL-96		09-AUG-96	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U
BENZENE	UG/L		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U

TABLE A.2

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-304B		2-310B		2-311B	
	SampleID	967		981		982	
	DateSampled	28-AUG-96		15-JUL-96		09-AUG-96	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
CHLOROFORM	UG/L		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U
CYMENE	UG/L		0U		0U		0U
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA
METHYLENE CHLORIDE	UG/L		1J		1J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U
O-XYLENE	UG/L		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0U
STYRENE	UG/L		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0U
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J
XYLENES (TOTAL)	UG/L		0U		0U		0U

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2C	
	SampleID	1084		1092		1095		1097		1244	
	DateSampled	13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95		11-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,1-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,2-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROETHENE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROPROPENE	UG/L	0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2,3-TRICHLOROPROPANE	UG/L	0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2,4-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L	0=		0=		0=		0=		0=	
1,2-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
1,3,5-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U	
1,3-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,3-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
1,4-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1-CHLOROHEXANE	UG/L	0U		0U		0U		0U		NA	
2,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
2-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U	
4-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U	
BENZENE	UG/L	0U		0U		0U		0U		0U	
BROMOBENZENE	UG/L	0U		0U		0U		0U		0U	
BROMOCHLOROMETHANE	UG/L	0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L	0U		0U		0U		0U		0U	
BROMOFORM	UG/L	0U		0U		0U		0U		0U	
BROMOMETHANE	UG/L	0U		0U		0U		0U		0U	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
CHLOROETHANE	UG/L	0U		0U		0U		0U		0U	

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2C	
	SampleID	1084		1092		1095		1097		1244	
	DateSampled	13-SEP-95		13-SEP-95		13-SEP-95		13-SEP-95		11-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
CHLOROFORM	UG/L		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		.4J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		NA		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.3J		1J		.4J		.3J		.6J
N-BUTYLBENZENE	UG/L		0U		2=		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		2=		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		1=		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		.3=		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		.5=		.3=		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	41C		41D		42C		43C		45CR		45DR	
	SampleID	1286		1287		1292		1306		1313		1316	
	DateSampled	04-OCT-95		04-OCT-95		04-OCT-95		06-SEP-95		07-SEP-95		07-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		0U		0U		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	41C		41D		42C		43C		45CR		45DR	
	SampleID	1286		1287		1292		1306		1313		1316	
	DateSampled	04-OCT-95		04-OCT-95		04-OCT-95		06-SEP-95		07-SEP-95		07-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		1J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.6J		.4J		.5J		2U		.6J		.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	41C		41D		42C		43C		45CR		45DR	
	SampleID	1286		1287		1292		1306		1313		1316	
	DateSampled	04-OCT-95		04-OCT-95		04-OCT-95		06-SEP-95		07-SEP-95		07-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		1J		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.6J		.4J		.5J		2U		.6J		.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	46C		47C		4C		59AR		5B		60C	
	SampleID	1320		1325		1339		1383		1395		1455	
	DateSampled	16-NOV-95		19-SEP-95		18-SEP-95		08-SEP-95		28-SEP-95		05-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		0U		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		.4=		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	46C		47C		4C		59AR		5B		60C	
	SampleID	1320		1325		1339		1383		1395		1455	
	DateSampled	16-NOV-95		19-SEP-95		18-SEP-95		08-SEP-95		28-SEP-95		05-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		.3=		0U		0U		.6=
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		.6=		0U		.9=
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		NA		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.6J		.5J		.9J		.9J		.5J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		2=		0U		0U
TRICHLORCFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	61B	6A	76B	76D	77C	77D
		SampleID	1460	1484	1498	1500	1504	1507
		DateSampled	20-SEP-95	25-JUL-95	19-SEP-95	19-SEP-95	22-SEP-95	22-SEP-95
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
1,1,1,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L		0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L		.7=	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L		.4J	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L		0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L		0U	0U	2=	0U	0U	0U
1-CHLOROHEXANE	UG/L		NA	0U	NA	NA	0U	0U
2,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
BENZENE	UG/L		0U	0U	.3=	0U	0U	0U
BROMOBENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L		0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L		0U	0U	0U	0U	0U	0U
BROMOFORM	UG/L		0U	0U	0U	0U	0U	0U
BROMOMETHANE	UG/L		0U	0U	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L		0J	0J	0J	0J	0J	0J
CHLOROBENZENE	UG/L		0U	0U	3=	0U	0U	0U
CHLOROETHANE	UG/L		0U	0U	.3=	0U	0U	0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	61B		6A		76B		76D		77C		77D	
	SampleID	1460		1484		1498		1500		1504		1507	
	DateSampled	20-SEP-95		25-JUL-95		19-SEP-95		19-SEP-95		22-SEP-95		22-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		.3=		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		.7=		12=		0U		3=		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		NA		0J		0J		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		0J		.5J		.6J		.4J		.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		.3=		0U		.5=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		6=		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	78B	79C	83C	84C	85B	86C
		SampleID	1515	1524	1535	1539	1542	1548
		DateSampled	18-SEP-95	05-SEP-95	11-SEP-95	08-SEP-95	27-SEP-95	08-SEP-95
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
1,1,1,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L		0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L		0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L		NA	NA	NA	NA	0U	NA
2,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
BENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L		0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L		0U	0U	0U	0U	0U	0U
BROMOFORM	UG/L		0U	0U	0U	0U	0U	0U
BROMOMETHANE	UG/L		0U	0U	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L		0J	0J	0J	0J	0J	0J
CHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
CHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	78B		79C		83C		84C		85B		86C	
	SampleID	1515		1524		1535		1539		1542		1548	
	DateSampled	18-SEP-95		05-SEP-95		11-SEP-95		08-SEP-95		27-SEP-95		08-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		.3=		0U		2=
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		NA		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		.3J		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.6J		.8J		.6J		.4J		.3J		.6J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		.4=		.7=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	9C		1-65C		1-65C		1-66A		1-66A		1-66C	
	SampleID	1551		225		228		229		232		235	
	DateSampled	26-SEP-95		24-AUG-95		20-NOV-95		24-AUG-95		20-NOV-95		24-AUG-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		.7J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	9C		1-65C		1-65C		1-66A		1-66A		1-66C	
	SampleID	1551		225		228		229		232		235	
	DateSampled	26-SEP-95		24-AUG-95		20-NOV-95		24-AUG-95		20-NOV-95		24-AUG-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		.3J		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		6=		0U		.6=		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		.9J		.6J		.8J		.7J		2=
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		3=		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-67A		1-67A		1-67C		1-67C		10C	
	SampleID	237		240		241		244		247		420	
	DateSampled	20-NOV-95		23-AUG-95		16-NOV-95		23-AUG-95		16-NOV-95		28-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-67A		1-67A		1-67C		1-67C		10C	
	SampleID	237		240		241		244		247		420	
	DateSampled	20-NOV-95		23-AUG-95		16-NOV-95		23-AUG-95		16-NOV-95		28-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		2=		.7J		.7J		.4J		.6J		.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1C		2-106A		2-111A		2-112A	
	SampleID	428		476		503		521		549		552	
	DateSampled	12-SEP-95		07-AUG-95		26-SEP-95		27-JUL-95		27-JUL-95		27-JUL-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		.5=		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		0U		0U		0U		0U		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1C	2-106A		2-111A		2-112A	
	SampleID	428		476		503	521		549		552	
	DateSampled	12-SEP-95		07-AUG-95		26-SEP-95	27-JUL-95		27-JUL-95		27-JUL-95	
	Aquifer Zone	LSZ		LSZ		LSZ	LSZ		LSZ		LSZ	
Parameter	**Units**											
CHLOROFORM	UG/L		0U		0U	0U		.5J		0U		0U
CHLOROMETHANE	UG/L		0J		0J	0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U	0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U	0U		0U		0U		0U
CYMENE	UG/L		NA		NA	NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U	0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U	0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		NA	NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0=	0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U	0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U	0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U	0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.5J		0J	.4J		1J		0J		0J
N-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U	0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U	0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U	0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U	0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U		0U
STYRENE	UG/L		0U		0U	0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U	0U		0U		0U		10=
TOLUENE	UG/L		0U		0U	0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J	0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U	0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		.5J	0U		0U		0U		6=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J	0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J	0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA	NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	2-113A	2-114A	2-115A	2-12	2-122C	2-123C
		SampleID	558	563	565	582	592	604
		DateSampled	28-JUL-95	25-JUL-95	28-JUL-95	26-SEP-95	20-SEP-95	11-SEP-95
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
1,1,1,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L		0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	.4=	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L		0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	.4=	0U
1,3-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L		0U	0U	0U	0U	0U	NA
2,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
BENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L		0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L		0U	0U	0U	0U	.6=	0U
BROMOFORM	UG/L		0U	0U	0U	0U	0U	0U
BROMOMETHANE	UG/L		0U	0U	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L		0J	0J	0J	0J	0J	0J
CHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
CHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113A		2-114A		2-115A		2-12		2-122C		2-123C	
	SampleID	558		563		565		582		592		604	
	DateSampled	28-JUL-95		25-JUL-95		28-JUL-95		26-SEP-95		20-SEP-95		11-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		3=		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		.3=
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		NA		NA		NA		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		0J		.3J		.5J		.6J		.3J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		4=		0U		0U		.3=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124C		2-124D		2-125C		2-126C		2-127C		2-128C	
	SampleID	610		611		614		621		624		628	
	DateSampled	11-SEP-95		11-SEP-95		06-SEP-95		05-SEP-95		07-SEP-95		05-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124C		2-124D		2-125C		2-126C		2-127C		2-128C	
	SampleID	610		611		614		621		624		628	
	DateSampled	11-SEP-95		11-SEP-95		06-SEP-95		05-SEP-95		07-SEP-95		05-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		.3=		0J		0J		0J		.3=		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		.3J		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.7J		1J		.4J		.5J		.8J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		.4=		0U		0U		0U		.3J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	2-129C	2-13	2-130C	2-131C	2-132C	2-133C
		SampleID	636	637	648	654	658	665
		DateSampled	27-SEP-95	28-SEP-95	12-SEP-95	19-SEP-95	18-SEP-95	07-SEP-95
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
1,1,1,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,1-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1,2-TRICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROETHENE	UG/L		0U	0U	0U	0U	0U	0U
1,1-DICHLOROPROPENE	UG/L		0J	0J	0J	0J	0J	0J
1,2,3-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,3-TRICHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2,4-TRICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J	0J	0J	0J	0J	0J
1,2-DIBROMOETHANE	UG/L		0=	0=	0=	0=	0=	0=
1,2-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U
1,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1,3-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
1,4-DICHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
1-CHLOROHEXANE	UG/L		0U	0U	NA	0U	NA	NA
2,2-DICHLOROPROPANE	UG/L		0U	0U	0U	0U	0U	0U
2-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
4-CHLOROTOLUENE	UG/L		0U	0U	0U	0U	0U	0U
BENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOBENZENE	UG/L		0U	0U	0U	0U	0U	0U
BROMOCHLOROMETHANE	UG/L		0J	0J	0J	0J	0J	0J
BROMODICHLOROMETHANE	UG/L		0U	0U	0U	0U	0U	0U
BROMOFORM	UG/L		0U	0U	0U	0U	0U	0U
BROMOMETHANE	UG/L		0U	0U	0U	0U	0U	0U
CARBON TETRACHLORIDE	UG/L		0J	.7=	0J	0J	0J	0J
CHLOROBENZENE	UG/L		0U	0U	0U	0U	0U	0U
CHLOROETHANE	UG/L		0U	0U	0U	0U	0U	0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129C		2-13		2-130C		2-131C		2-132C		2-133C	
	SampleID	636		637		648		654		658		665	
	DateSampled	27-SEP-95		28-SEP-95		12-SEP-95		19-SEP-95		18-SEP-95		07-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		.5=		.4=		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		0J		NA		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		.4J		.7J		.4J		2=		.7J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		.3=		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		.6=		.9=		3=		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-134A		2-135A		2-136A		2-136C		2-137A		2-137C	
	SampleID	667		671		673		675		677		679	
	DateSampled	12-SEP-95		12-SEP-95		12-SEP-95		16-AUG-96		05-OCT-95		05-OCT-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0J		0J		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0J		0J		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		21J		650=		2=		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		0J		0U		NA		0U		0U
2,2-DICHLOROPROPANE	UG/L		0J		0J		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0J		0J		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0J		0J		0U		0U		0U		0U
BENZENE	UG/L		0J		0J		0U		0U		0U		0U
BROMOBENZENE	UG/L		0J		0J		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0J		0J		0U		0U		0U		0U
BROMOFORM	UG/L		0J		0J		0U		0U		0U		0U
BROMOMETHANE	UG/L		0J		0J		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		190J		210J		.5=		0J		0J		0J
CHLOROBENZENE	UG/L		0J		0J		0U		0U		0U		0U
CHLOROETHANE	UG/L		0J		0J		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-134A		2-135A		2-136A		2-136C		2-137A		2-137C	
	SampleID	667		671		673		675		677		679	
	DateSampled	12-SEP-95		12-SEP-95		12-SEP-95		16-AUG-96		05-OCT-95		05-OCT-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		460=		620=		.6=		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		11J		0J		9=		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		0U		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0J		0J		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0J		0J		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		NA		NA		0J		NA		NA
ETHYLBENZENE	UG/L		0J		0J		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0J		0J		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		0J		0U		NA		0U		0U
METHYLENE CHLORIDE	UG/L		20J		16J		1J		.6J		.3J		.3J
N-BUTYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
NAPHTHALENE	UG/L		0J		0J		0U		0U		0U		0U
O-XYLENE	UG/L		0J		0J		0U		NA		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0J		0J		0U		NA		0U		0U
SEC-BUTYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
STYRENE	UG/L		0J		0J		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0J		0J		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0J		0J		0U		0U		0U		0U
TOLUENE	UG/L		0J		0J		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0U		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0J		0J		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		30J		46J		4=		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		0U		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Okiahoma City, Oklahoma

	StationID	2-138A		2-139A		2-141A		2-142A		2-143A		2-143C	
	SampleID	683		688		704		709		712		714	
	DateSampled	09-OCT-95		06-OCT-95		13-SEP-95		13-SEP-95		05-OCT-95		05-OCT-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		0U		NA		NA		0U		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138A		2-139A		2-141A		2-142A		2-143A		2-143C	
	SampleID	683		688		704		709		712		714	
	DateSampled	09-OCT-95		06-OCT-95		13-SEP-95		13-SEP-95		05-OCT-95		05-OCT-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		0J		0J		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		.4J		.6J		.4J		.3J		.9J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		.3J		1=		0U		0U		5=		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144A		2-144C		2-147C		2-18		2-19A		2-20A	
	SampleID	715		717		727		791		793		798	
	DateSampled	09-OCT-95		16-AUG-96		01-AUG-95		20-SEP-95		20-SEP-95		20-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1,1-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1,2,2-TETRACHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1,2-TRICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROETHENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,1-DICHLOROPROPENE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,3-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	.9	=
1,2,3-TRICHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2,4-TRICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	1	=
1,2,4-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
1,2-DIBROMOETHANE	UG/L	0	J	0	=	0	=	0	=	0	=	0	J
1,2-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,2-DICHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	7	=
1,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,3,5-TRIMETHYLBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,3-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,3-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1,4-DICHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
1-CHLOROHEXANE	UG/L	0	J	NA		0	U	0	U	0	U	0	J
2,2-DICHLOROPROPANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
2-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
4-CHLOROTOLUENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
BENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
BROMOBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
BROMOCHLOROMETHANE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
BROMODICHLOROMETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
BROMOFORM	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
BROMOMETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
CARBON TETRACHLORIDE	UG/L	0	J	0	J	0	J	0	J	0	J	0	J
CHLOROBENZENE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J
CHLOROETHANE	UG/L	0	J	0	U	0	U	0	U	0	U	0	J

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144A		2-144C		2-147C		2-18		2-19A		2-20A	
	SampleID	715		717		727		791		793		798	
	DateSampled	09-OCT-95		16-AUG-96		01-AUG-95		20-SEP-95		20-SEP-95		20-SEP-95	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0J		0U		2=		0U		0U		.9=
CHLOROMETHANE	UG/L		0J		0J		0J		0J		.3=		0J
cis-1,2-DICHLOROETHENE	UG/L		0J		0U		0U		0U		0U		7=
cis-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0U		0U		0J
CYMENE	UG/L		NA		0U		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0J		0U		0U		0U		0U		0J
DIBROMOMETHANE	UG/L		0J		0U		0U		0U		0U		0J
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0J		0=		0=		0=		0=		0J
HEXACHLOROBUTADIENE	UG/L		0J		0U		0U		0U		0U		0J
ISOPROPYLBENZENE	UG/L		0J		0U		0U		0U		0U		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0J		NA		0U		0U		0U		0J
METHYLENE CHLORIDE	UG/L		3=		.9J		.7J		.3J		.3J		3J
N-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0U		0J
N-PROPYLBENZENE	UG/L		0J		0U		0U		0U		0U		0J
NAPHTHALENE	UG/L		0J		0U		0U		0U		0U		0J
O-XYLENE	UG/L		0J		NA		0U		0U		0U		0J
P-ISOPROPYLTOLUENE	UG/L		0J		N		0U		0U		0U		0J
SEC-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0U		0J
STYRENE	UG/L		0J		0U		0U		0U		0U		0J
TERT-BUTYLBENZENE	UG/L		0J		0U		0U		0U		0U		0J
TETRACHLOROETHENE	UG/L		0J		0U		0U		0U		0U		0J
TOLUENE	UG/L		0J		0U		0U		0U		0U		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0U		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0J		0U		0U		0U		0U		0J
TRICHLOROETHENE	UG/L		150J		0U		0U		.4=		0U		41=
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		0U		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-282A		2-283A		2-284A		2-285A	
	SampleID	802		807		880		883		886		891	
	DateSampled	25-JUL-95		26-SEP-95		11-SEP-96		02-AUG-96		02-AUG-96		02-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0J		0J		0J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0J		0J		0J
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0J		0J		2.8J
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
1-CHLOROHEXANE	UG/L		0U		0U		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0J		0J		0J
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0J		0J
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0J		0J		0J
BENZENE	UG/L		0U		0U		0U		0J		0J		0J
BROMOBENZENE	UG/L		0U		0U		0U		0J		0J		0J
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0J		0J		0J
BROMOFORM	UG/L		0U		0U		0U		0J		0J		0J
BROMOMETHANE	UG/L		0U		0U		0U		0J		0J		0J
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		7.4J		42=		67J
CHLOROBENZENE	UG/L		0U		0U		0U		0J		0J		0J
CHLOROETHANE	UG/L		0U		0U		0U		0J		0J		0J

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-282A		2-283A		2-284A		2-285A	
	SampleID	802		807		880		883		886		891	
	DateSampled	25-JUL-95		26-SEP-95		11-SEP-96		02-AUG-96		02-AUG-96		02-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROFORM	UG/L		0U		0U		0U		3.3J		37=		38J
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0J		7.2=		0J
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0J		0J
CYMENE	UG/L		NA		NA		0U		0J		0J		0J
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0J		0J		0J
DIBROMOMETHANE	UG/L		0U		0U		0U		0J		0J		0J
DICHLORODIFLUOROMETHANE	UG/L		NA		NA		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0J		0J		0J
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0J		0J		0J
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		0J		.6J		1J		5.3J		11J		3.4J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
N-PROPYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
NAPHTHALENE	UG/L		0U		0U		0U		2J		4.5J		1.4J
O-XYLENE	UG/L		0U		0U		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		0U		0U		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
STYRENE	UG/L		0U		0U		0U		0J		0J		0J
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0J		0J		0J
TETRACHLOROETHENE	UG/L		0U		0U		0U		0J		0J		0J
TOLUENE	UG/L		0U		0U		0U		0J		0J		0J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0U		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0J		0J		0J
TRICHLOROETHENE	UG/L		0U		.6=		0U		67J		180J		5.2J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		3.7J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		0U		0J		0J		0J

NA - Not Analyzed

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286A		2-287AR		2-288A		2-289A	
	SampleID	897		903		907		911	
	DateSampled	22-JUL-96		30-AUG-96		30-AUG-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		.5J
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		2U		0U		1J		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		18J		0J		0J		7=
CHLOROBENZENE	UG/L		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U

TABLE A.3

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286A		2-287AR		2-288A		2-289A	
	SampleID	897		903		907		911	
	DateSampled	22-JUL-96		30-AUG-96		30-AUG-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROFORM	UG/L		5=		.6J		0U		3=
CHLOROMETHANE	UG/L		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		14=		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U
CYMENE	UG/L		0U		0U		0U		0U
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J
ETHYLBENZENE	UG/L		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		NA		NA		NA		NA
METHYLENE CHLORIDE	UG/L		1J		1J		1J		1J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U
O-XYLENE	UG/L		NA		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L		NA		NA		NA		NA
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U
TOLUENE	UG/L		.3J		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		5=		0U		0U		18J
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		.3J		0U		0U		0U

NA - Not Analyzed

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42D		43D		46D		47D		58C	
	SampleID	1298		1308		1322		1327		1381	
	DateSampled	04-OCT-95		06-SEP-95		07-SEP-95		19-SEP-95		25-JUL-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,1-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1,2-TRICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROETHENE	UG/L	0U		0U		0U		0U		0U	
1,1-DICHLOROPROPENE	UG/L	0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2,3-TRICHLOROPROPANE	UG/L	0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2,4-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L	0=		0=		0=		0=		0=	
1,2-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,2-DICHLOROETHANE	UG/L	0U		0U		0U		0U		0U	
1,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
1,3,5-TRIMETHYLBENZENE	UG/L	0U		0U		0U		0U		0U	
1,3-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1,3-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
1,4-DICHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
1-CHLOROHEXANE	UG/L	0U		NA		NA		NA		0U	
2,2-DICHLOROPROPANE	UG/L	0U		0U		0U		0U		0U	
2-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U	
4-CHLOROTOLUENE	UG/L	0U		0U		0U		0U		0U	
BENZENE	UG/L	0U		0U		0U		0U		0U	
BROMOBENZENE	UG/L	0U		0U		0U		0U		0U	
BROMOCHLOROMETHANE	UG/L	0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L	0U		0U		0U		0U		0U	
BROMOFORM	UG/L	0U		0U		0U		0U		0U	
BROMOMETHANE	UG/L	0U		0U		0U		0U		0U	
CARBON TETRACHLORIDE	UG/L	0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L	0U		0U		0U		0U		0U	
CHLOROETHANE	UG/L	0U		0U		0U		0U		0U	

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42D		43D		46D		47D		58C	
	SampleID	1298		1308		1322		1327		1381	
	DateSampled	04-OCT-95		06-SEP-95		07-SEP-95		19-SEP-95		25-JUL-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROFORM	UG/L		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		0J		0J		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		.3J		.5J		.5J		0J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TOLUENE	UG/L		.3J		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59D		60D		79D		84D		85D	
	SampleID	1388		1457		1525		1540		1544	
	DateSampled	08-SEP-95		05-SEP-95		05-SEP-95		08-SEP-95		27-SEP-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		NA		NA		NA		NA		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59D		60D		79D		84D		85D	
	SampleID	1388		1457		1525		1540		1544	
	DateSampled	08-SEP-95		05-SEP-95		05-SEP-95		08-SEP-95		27-SEP-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROFORM	UG/L		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J		0J		0J		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.3J		.4J		1J		.3J		.3J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	10D		13C		2-106C		2-111C		2-131D	
		SampleID	421		477		524		551		655	
		DateSampled	05-SEP-95		07-AUG-95		27-JUL-95		27-JUL-95		19-SEP-95	
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U	
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J	
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J	
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J	
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=	
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U	
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U	
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U	
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U	
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
1-CHLOROHEXANE	UG/L		NA		0U		0U		0U		0U	
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U	
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U	
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U	
BENZENE	UG/L		0U		0U		0U		0U		0U	
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U	
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J	
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U	
BROMOFORM	UG/L		0U		0U		0U		0U		0U	
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U	
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J	
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U	
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U	

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D	
	SampleID	421		477		524		551		655	
	DateSampled	05-SEP-95		07-AUG-95		27-JUL-95		27-JUL-95		19-SEP-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROFORM	UG/L		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		NA		NA		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		0U
METHYLENE CHLORIDE	UG/L		.4J		0J		0J		0J		.5J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132D		2-133D		2-134C		2-138C		2-139C	
	SampleID	660		666		670		685		693	
	DateSampled	18-SEP-95		07-SEP-95		12-SEP-96		09-OCT-95		06-OCT-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		NA		NA		0U		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132D		2-133D		2-134C	2-138C		2-139C	
	SampleID	660		666		670	685		693	
	DateSampled	18-SEP-95		07-SEP-95		12-SEP-96	09-OCT-95		06-OCT-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	LLSZ		LLSZ	
Parameter	**Units**									
CHLOROFORM	UG/L		0U		0U	.5J		0U		0U
CHLOROMETHANE	UG/L		0J		0J	0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U	0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U	0U		0U		0U
CYMENE	UG/L		NA		NA	0U		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U	0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U	0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		0J		0J	0J		NA		NA
ETHYLBENZENE	UG/L		0=		0=	0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U	0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U	0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U	NA		0U		0U
METHYLENE CHLORIDE	UG/L		3U		1J	1J		.5J		.5J
N-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U	0U		0U		0U
NAPHTHALENE	UG/L		0U		0U	0U		0U		0U
O-XYLENE	UG/L		0U		0U	NA		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U	NA		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U
STYRENE	UG/L		0U		0U	0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U	0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U	0U		0U		0U
TOLUENE	UG/L		0U		0U	0U		0U		0U
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J	0U		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U	0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U	0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J	0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J	0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA	0U		NA		NA

NA - Not Analyzed

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-140C		2-141C		2-142C		2-147D		2-21C	
	SampleID	700		708		711		730		805	
	DateSampled	06-OCT-95		13-SEP-95		13-SEP-95		01-AUG-95		25-JUL-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,1-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2,2-TETRACHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1,2-TRICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
1,1-DICHLOROPROPENE	UG/L		0J		0J		0J		0J		0J
1,2,3-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,3-TRICHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2,4-TRICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2,4-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		0J		0J		0J		0J		0J
1,2-DIBROMOETHANE	UG/L		0=		0=		0=		0=		0=
1,2-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROETHANE	UG/L		0U		0U		0U		0U		0U
1,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,3,5-TRIMETHYLBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1,3-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
1,4-DICHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
1-CHLOROHEXANE	UG/L		0U		NA		NA		0U		0U
2,2-DICHLOROPROPANE	UG/L		0U		0U		0U		0U		0U
2-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
4-CHLOROTOLUENE	UG/L		0U		0U		0U		0U		0U
BENZENE	UG/L		0U		0U		0U		0U		0U
BROMOBENZENE	UG/L		0U		0U		0U		0U		0U
BROMOCHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
BROMODICHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
BROMOFORM	UG/L		0U		0U		0U		0U		0U
BROMOMETHANE	UG/L		0U		0U		0U		0U		0U
CARBON TETRACHLORIDE	UG/L		0J		0J		0J		0J		0J
CHLOROBENZENE	UG/L		0U		0U		0U		0U		0U
CHLOROETHANE	UG/L		0U		0U		0U		0U		0U

TABLE A.4

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1995
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-140C		2-141C		2-142C		2-147D		2-21C	
	SampleID	700		708		711		730		805	
	DateSampled	06-OCT-95		13-SEP-95		13-SEP-95		01-AUG-95		25-JUL-95	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROFORM	UG/L		0U		0U		0U		0U		0U
CHLOROMETHANE	UG/L		0J		0J		0J		0J		0J
cis-1,2-DICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
cis-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
CYMENE	UG/L		NA		NA		NA		NA		NA
DIBROMOCHLOROMETHANE	UG/L		0U		0U		0U		0U		0U
DIBROMOMETHANE	UG/L		0U		0U		0U		0U		0U
DICHLORODIFLUOROMETHANE	UG/L		NA		0J		0J		NA		NA
ETHYLBENZENE	UG/L		0=		0=		0=		0=		0=
HEXACHLOROBUTADIENE	UG/L		0U		0U		0U		0U		0U
ISOPROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
M-XYLENE (1,3-DIMETHYLBENZENE)	UG/L		0U		0U		0U		0U		.3J
METHYLENE CHLORIDE	UG/L		.5J		.4J		.4J		.2J		0J
N-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
N-PROPYLBENZENE	UG/L		0U		0U		0U		0U		0U
NAPHTHALENE	UG/L		0U		0U		0U		0U		0U
O-XYLENE	UG/L		0U		0U		0U		0U		0U
P-ISOPROPYLTOLUENE	UG/L		0U		0U		0U		0U		0U
SEC-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
STYRENE	UG/L		0U		0U		0U		0U		0U
TERT-BUTYLBENZENE	UG/L		0U		0U		0U		0U		0U
TETRACHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TOLUENE	UG/L		0U		0U		0U		0U		.6J
TRANS-1,2-DICHLOROETHENE	UG/L		0J		0J		0J		0J		0J
trans-1,3-DICHLOROPROPENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROETHENE	UG/L		0U		0U		0U		0U		0U
TRICHLOROFLUOROMETHANE	UG/L		0J		0J		0J		0J		0J
VINYL CHLORIDE	UG/L		0J		0J		0J		0J		0J
XYLENES (TOTAL)	UG/L		NA		NA		NA		NA		NA

NA - Not Analyzed

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		11C		1B		2-123B		2-129B	
	SampleID	J10B15JL6N1WG		J11C01MY6N1WG		J1B02JL6N1WG		J2-123B22JL6N1WG		J2-129B02JL6N1WG	
	SampleDate	15-JUL-96		01-MAY-96		02-JUL-96		22-JUL-96		02-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		2=		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	10B		11C		1B		2-123B		2-129B	
		SampleID	J10B15JL6N1WG		J11C01MY6N1WG		J1B02JL6N1WG		J2-123B22JL6N1WG		J2-129B02JL6N1WG	
		SampleDate	15-JUL-96		01-MAY-96		02-JUL-96		22-JUL-96		02-JUL-96	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
cis-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U	
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U	
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U	
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U	
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U	
METHYLENE CHLORIDE	UG/L		1U		4=		1U		1U		1U	
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U	
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U	
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U	
O-XYLENE	UG/L		1U		NA		1U		1U		1U	
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U	
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U	
STYRENE	UG/L		1U		1U		1U		1U		1U	
TERT-BUTYLBENZENE	UG/L		1U		NA		1U		1U		1U	
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U	
TOLUENE	UG/L		1U		1U		1U		1U		1U	
TOTAL XYLENES	UG/L		NA		1U		NA		NA		NA	
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U	
TRICHLOROETHENE	UG/L		1U		1=		1U		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U	
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U	

NA = NOT ANALYZED

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130B		2-131B		2-133B		2-147B	
	SampleID	J2-130B03JL6N1WG		J2-131B03JL6N1WG		J2-133B19JL6N1WG		J2-147B08MY6N1WG	
	SampleDate	03-JUL-96		03-JUL-96		19-JUL-96		08-MAY-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130B		2-131B		2-133B		2-147B	
	SampleID	J2-130B03JL6N1WG		J2-131B03JL6N1WG		J2-133B19JL6N1WG		J2-147B08MY6N1WG	
	SampleDate	03-JUL-96		03-JUL-96		19-JUL-96		08-MAY-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**								
cis-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		4=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		.6J		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-5		2-6		2-7		2BR		41B	
	SampleID	J2-501MY6N1WG		J2-601MY6N1WG		J2-701MY6N1WG		J2BR18JL6N1WG		J41B16AG6N1WG	
	SampleDate	01-MAY-96		01-MAY-96		01-MAY-96		18-JUL-96		16-AUG-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		100U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		100U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		100U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		100U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		170=		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		100U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		100U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		100U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		100U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		100U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		100U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		100U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		100U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		100U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		100U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		100U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		100U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		100U		1U		1U		1U
BENZENE	UG/L		1U		2400=		1U		1U		1U
BROMOBENZENE	UG/L		1U		100U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		100U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		100U		1U		1U		1U
BROMOFORM	UG/L		1U		100U		1U		1U		1U
BROMOMETHANE	UG/L		1U		100U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		100U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		100U		1U		1U		1U
CHLOROETHANE	UG/L		1U		100U		1U		1U		1U
CHLOROFORM	UG/L		1U		100U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		100U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-5		2-6		2-7		2BR		41B	
	SampleID	J2-501MY6N1WG		J2-601MY6N1WG		J2-701MY6N1WG		J2BR18JL6N1WG		J41B16AG6N1WG	
	SampleDate	01-MAY-96		01-MAY-96		01-MAY-96		18-JUL-96		16-AUG-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
cis-1,2-DICHLOROETHENE	UG/L		1U		100U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		100U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		100U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		100U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		100U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		100U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		100U		1U		1U		1U
M,P-XYLENE	UG/L		1U		76J		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1J		99J		0.90J		1U		1U
NAPHTHALENE	UG/L		1U		100U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		100U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		100U		1U		1U		1U
O-XYLENE	UG/L		NA		NA		NA		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		100U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		100U		1U		1U		1U
STYRENE	UG/L		1U		100U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		NA		NA		NA		1U		1U
TETRACHLOROETHENE	UG/L		1U		100U		1U		1U		1U
TOLUENE	UG/L		1U		100U		1U		1U		1U
TOTAL XYLENES	UG/L		1U		100U		1U		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		100U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		100U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		100U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		100U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C	
	SampleID	J45B12JL6N1WG		J46B12JL6N1WG		J47B12JL6N1WG		J4-BR01MY6N1WG		J59C05JL6N1WG	
	SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		01-MAY-96		05-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		2=		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C	
	SampleID	J45B12JL6N1WG		J46B12JL6N1WG		J47B12JL6N1WG		J4-BR01MY6N1WG		J59C05JL6N1WG	
	SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		01-MAY-96		05-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
cis-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U		10=
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		NA		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		NA		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		1U		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U		4=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	60A		75A		76C		78C		79A	
	SampleID	J60A08JL6N1WG		J75A01MY6N1WG		J76C01MY6N1WG		J78C08JL6N1WG		J79A18JL6N9WG	
	SampleDate	08-JUL-96		01-MAY-96		01-MAY-96		08-JUL-96		18-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	60A		75A		76C		78C		79A	
	SampleID	J60A08JL6N1WG		J75A01MY6N1WG		J76C01MY6N1WG		J78C08JL6N1WG		J79A18JL6N9WG	
	SampleDate	08-JUL-96		01-MAY-96		01-MAY-96		08-JUL-96		18-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
cis-1,2-DICHLOROETHENE	UG/L		1U		1U		1=		3=		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		3=		1U		1U		.9J
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
O-XYLENE	UG/L		1U		NA		NA		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		NA		NA		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		1U		1U		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		4=		.8J
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83A		84A		85A		86A	
	SampleID	J83A01MY6N1WG		J84A10JL6N1WG		J85A19JL6N1WG		J86A10JL6N1WG	
	SampleDate	01-MAY-96		10-JUL-96		19-JUL-96		10-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		2=
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U

TABLE A.5

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83A		84A		85A		86A	
	SampleID	J83A01MY6N1WG		J84A10JL6N1WG		J85A19JL6N1WG		J86A10JL6N1WG	
	SampleDate	01-MAY-96		10-JUL-96		19-JUL-96		10-JUL-96	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**								
cis-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		3=		4=		1U		3=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		NA		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		NA		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		1U		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = NOT ANALYZED

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		11A		13		13	
	SampleID	J10A15JL6N1WG		J11A01MY6N1WG		J1302MY6N1WG		J1319AG6N1WG	
	SampleDate	15-JUL-96		01-MAY-96		02-MAY-96		19-AUG-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		0.80J		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1=		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1=		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1J		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		5=		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID		10A		11A		13		13	
		SampleID		J10A15JL6N1WG		J11A01MY6N1WG		J1302MY6N1WG		J1319AG6N1WG	
		SampleDate		15-JUL-96		01-MAY-96		02-MAY-96		19-AUG-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
CHLOROMETHANE	UG/L			1U		1U		1U		1U	
cis-1,2-DICHLOROETHYLENE	UG/L			2=		16=		1U		1U	
DIBROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U	
DIBROMOMETHANE	UG/L			1U		1U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		1U		1U	
ETHYLBENZENE	UG/L			1U		1U		1U		1U	
HEXACHLOROBUTADIENE	UG/L			1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L			1U		1U		1U		1U	
M,P-XYLENE	UG/L			1U		1U		1U		1U	
METHYLENE CHLORIDE	UG/L			2=		4=		10=		1U	
NAPHTHALENE	UG/L			1U		1U		1U		1U	
N-BUTYLBENZENE	UG/L			1U		1U		1U		1U	
N-PROPYLBENZENE	UG/L			1U		1U		1U		1U	
O-XYLENE	UG/L			1U		NA		1U		1U	
P-ISOPROPYLTOLUENE	UG/L			1U		1U		1U		1U	
SEC-BUTYLBENZENE	UG/L			1U		1U		1U		1U	
STYRENE	UG/L			1U		1U		1U		1U	
TERT-BUTYLBENZENE	UG/L			1U		NA		1U		1U	
TETRACHLOROETHENE	UG/L			1U		0.50J		1U		1U	
TOLUENE	UG/L			1U		1U		1U		1U	
TOTAL XYLENES	UG/L			NA		1U		NA		NA	
TRANS-1,2-DICHLOROETHENE	UG/L			1U		2=		1U		1U	
TRICHLOROETHENE	UG/L			3=		350=		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		1U		1U	
VINYL CHLORIDE	UG/L			1U		8=		1U		1U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID		1-66B		1-66B		1-66B		1-66B	
		SampleID		J1-66B10AR6N1WG		J1-66B11JN6N1WG		J1-66B24SP6N1WG		J1-66B10DC6N1WG	
		SampleDate		10-APR-96		11-JUN-96		24-SEP-96		10-DEC-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		
BENZENE	UG/L		1U		1U		1U		1U		
BROMOBENZENE	UG/L		1U		1U		1U		1U		
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		
BROMOFORM	UG/L		1U		1U		1U		1U		
BROMOMETHANE	UG/L		1U		1U		1U		1U		
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		
CHLOROBENZENE	UG/L		1U		1U		1U		1U		
CHLOROETHANE	UG/L		1U		1U		1U		1U		
CHLOROFORM	UG/L		1U		1U		1U		1U		

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	1-66B		1-66B		1-66B		1-66B	
		SampleID	J1-66B10AR6N1WG		J1-66B11JN6N1WG		J1-66B24SP6N1WG		J1-66B10DC6N1WG	
		SampleDate	10-APR-96		11-JUN-96		24-SEP-96		10-DEC-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
DIBROMOMETHANE	UG/L			1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		1U		1U
ETHYLBENZENE	UG/L			1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L			1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L			1U		1U		1U		1U
M,P-XYLENE	UG/L			1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L			1U		1U		1U		4=
NAPHTHALENE	UG/L			1U		1U		1U		1U
N-BUTYLBENZENE	UG/L			1U		1U		1U		1U
N-PROPYLBENZENE	UG/L			1U		1U		1U		1U
O-XYLENE	UG/L			1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L			1U		1U		1U		1U
STYRENE	UG/L			1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L			1U		1U		1U		1U
TETRACHLOROETHENE	UG/L			1U		1U		1U		1U
TOLUENE	UG/L			1U		1U		1U		1U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROETHENE	UG/L			.8J		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		1U		1U
VINYL CHLORIDE	UG/L			1U		1U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	1-67B		1-67B		1-67B	NA		1-67B	
		SampleID	J1-67B10AR6N1WG		J1-67B11JN6N1WG		J1-67B09SP6N1WG			J1-67B09DC6N1WG	
		SampleDate	10-APR-96		11-JUN-96		09-SEP-96			09-DEC-96	
		Aquifer Zone	USZ		USZ		USZ			USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		1U		1U			1U
1,1,1-TRICHLOROETHANE	UG/L			1U		1U		1U			1U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		1U		1U			1U
1,1,2-TRICHLOROETHANE	UG/L			1U		1U		1U			1U
1,1-DICHLOROETHANE	UG/L			1U		1U		1U			1U
1,1-DICHLOROETHENE	UG/L			1U		1U		1U			1U
1,1-DICHLOROPROPENE	UG/L			1U		1U		1U			1U
1,2,3-TRICHLOROBENZENE	UG/L			1U		1U		1U			1U
1,2,3-TRICHLOROPROPANE	UG/L			1U		1U		1U			1U
1,2,4-TRICHLOROBENZENE	UG/L			1U		1U		1U			1U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		1U		1U			1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		1U		1U			1U
1,2-DIBROMOETHANE	UG/L			1U		1U		1U			1U
1,2-DICHLOROBENZENE	UG/L			1U		1U		1U			1U
1,2-DICHLOROETHANE	UG/L			1U		1U		1U			1U
1,2-DICHLOROPROPANE	UG/L			1U		1U		1U			1U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		1U		1U			1U
1,3-DICHLOROBENZENE	UG/L			1U		1U		1U			1U
1,3-DICHLOROPROPANE	UG/L			1U		1U		1U			1U
1,4-DICHLOROBENZENE	UG/L			1U		1U		1U			1U
2,2-DICHLOROPROPANE	UG/L			1U		1U		1U			1U
2-CHLOROTOLUENE	UG/L			1U		1U		1U			1U
4-CHLOROTOLUENE	UG/L			1U		1U		1U			1U
BENZENE	UG/L			1U		1U		1U			1U
BROMOBENZENE	UG/L			1U		1U		1U			1U
BROMOCHLOROMETHANE	UG/L			1U		1U		1U			1U
BROMODICHLOROMETHANE	UG/L			1U		1U		1U			1U
BROMOFORM	UG/L			1U		1U		1U			1U
BROMOMETHANE	UG/L			1U		1U		1U			1U
CARBON TETRACHLORIDE	UG/L			1U		1U		1U			1U
CHLOROBENZENE	UG/L			1U		1U		1U			1U
CHLOROETHANE	UG/L			1U		1U		1U			1U
CHLOROFORM	UG/L			1U		1U		1U			1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1-67B		1-67B		NA		1-67B	
	SampleID	J1-67B10AR6N1WG		J1-67B11JN6N1WG		J1-67B09SP6N1WG				J1-67B09DC6N1WG	
	SampleDate	10-APR-96		11-JUN-96		09-SEP-96				09-DEC-96	
	Aquifer Zone	USZ		USZ		USZ				USZ	
Parameter	**Units**										
CHLOROMETHANE	UG/L		1U		1U		1U				1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U				1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U				1U
DIBROMOMETHANE	UG/L		1U		1U		1U				1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U				1U
ETHYLBENZENE	UG/L		1U		1U		1U				1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U				1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U				1U
M,P-XYLENE	UG/L		1U		1U		1U				1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U				4=
NAPHTHALENE	UG/L		1U		1U		1U				1U
N-BUTYLBENZENE	UG/L		1U		1U		1U				1U
N-PROPYLBENZENE	UG/L		1U		1U		1U				1U
O-XYLENE	UG/L		1U		1U		1U				1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U				1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U				1U
STYRENE	UG/L		1U		1U		1U				1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U				1U
TETRACHLOROETHENE	UG/L		1U		1U		1U				1U
TOLUENE	UG/L		1U		1U		1U				1U
TOTAL XYLENES	UG/L		NA		NA		NA				NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U				1U
TRICHLOROETHENE	UG/L		2=		1U		1U				1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U				1U
VINYL CHLORIDE	UG/L		1U		1U		1U				1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	1AR		2-106B		2-11		2-111B	
		SampleID	J1AR02JL6N1WG		J2-106B01MY6N1WG		J2-1119JL6N1WG		J2-111B01MY6N1WG	
		SampleDate	02-JUL-96		01-MAY-96		19-JUL-96		01-MAY-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L			1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L			1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L			1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L			1U		1U		.8J		1U
1,2-DICHLOROETHANE	UG/L			.8J		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L			1U		1U		2=		1U
2,2-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L			1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L			1U		1U		1U		1U
BENZENE	UG/L			1U		1U		1U		1U
BROMOBENZENE	UG/L			1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L			1U		1U		1U		1U
BROMOFORM	UG/L			1U		1U		1U		1U
BROMOMETHANE	UG/L			1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L			1U		1U		1U		1U
CHLOROBENZENE	UG/L			1U		1U		7=		1U
CHLOROETHANE	UG/L			1U		1U		1U		1U
CHLOROFORM	UG/L			1U		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1AR		2-106B		2-11		2-111B	
	SampleID	J1AR02JL6N1WG		J2-106B01MY6N1WG		J2-1119JL6N1WG		J2-111B01MY6N1WG	
	SampleDate	02-JUL-96		01-MAY-96		19-JUL-96		01-MAY-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		9=		1U		2=		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		5=		1U		3=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		22=		1U		2=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-112B		2-113B		2-114B		2-115B	
	SampleID	J2-112B02MY6N1WG		J2-113B02MY6N1WG		J2-114B03MY6N1WG		J2-115B02MY6N1WG	
	SampleDate	02-MAY-96		02-MAY-96		03-MAY-96		02-MAY-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-112B		2-113B		2-114B		2-115B	
		SampleID	J2-112B02MY6N1WG		J2-113B02MY6N1WG		J2-114B03MY6N1WG		J2-115B02MY6N1WG	
		SampleDate	02-MAY-96		02-MAY-96		03-MAY-96		02-MAY-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
DIBROMOMETHANE	UG/L			1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		1U		1U
ETHYLBENZENE	UG/L			1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L			1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L			1U		1U		1U		1U
M,P-XYLENE	UG/L			1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L			1U		2=		.8J		10=
NAPHTHALENE	UG/L			1U		1U		1U		1U
N-BUTYLBENZENE	UG/L			1U		1U		1U		1U
N-PROPYLBENZENE	UG/L			1U		1U		1U		1U
O-XYLENE	UG/L			1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L			1U		1U		1U		1U
STYRENE	UG/L			1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L			1U		1U		1U		1U
TETRACHLOROETHENE	UG/L			10=		1U		.9J		1U
TOLUENE	UG/L			1U		1U		1U		1U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROETHENE	UG/L			6=		1U		19=		17=
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		1U		1U
VINYL CHLORIDE	UG/L			1U		1U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122A		2-123A		2-124A		2-125A	
	SampleID	J2-122A19JL6N1WG		J2-123A22JL6N1WG		J2-124A15JL6N1WG		J2-125A22JL6N1WG	
	SampleDate	19-JUL-96		22-JUL-96		15-JUL-96		22-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		2=		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		4=		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-122A		2-123A		2-124A		2-125A	
		SampleID	J2-122A19JL6N1WG		J2-123A22JL6N1WG		J2-124A15JL6N1WG		J2-125A22JL6N1WG	
		SampleDate	19-JUL-96		22-JUL-96		15-JUL-96		22-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L		1U		1U		1U		1U	
cis-1,2-DICHLOROETHYLENE	UG/L		18=		1U		1U		1U	
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U	
DIBROMOMETHANE	UG/L		1U		1U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		17=		1U		1U		1U	
ETHYLBENZENE	UG/L		1U		1U		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U	
M,P-XYLENE	UG/L		1U		1U		1U		1U	
METHYLENE CHLORIDE	UG/L		1U		1U		2=		1U	
NAPHTHALENE	UG/L		1U		1U		1U		1U	
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U	
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U	
O-XYLENE	UG/L		1U		1U		1U		1U	
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U	
SEC-BUTYLBENZENE	UG/L		2=		1U		1U		1U	
STYRENE	UG/L		1U		1U		1U		1U	
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U	
TETRACHLOROETHENE	UG/L		2=		.9J		1U		1U	
TOLUENE	UG/L		1U		1U		1U		1U	
TOTAL XYLENES	UG/L		NA		NA		NA		NA	
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U	
TRICHLOROETHENE	UG/L		3=		1U		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U	
VINYL CHLORIDE	UG/L		3=		1U		1U		1U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID		2-126A		2-127A		2-127A		2-128A	
		SampleID		J2-126A15JL6N1WG		J2-127A18JL6N1WG		J2-127A18JL6N9WG		J2-128A02JL6N1WG	
		SampleDate		15-JUL-96		18-JUL-96		18-JUL-96		02-JUL-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		NA		25U	
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		NA		25U	
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		NA		25U	
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		NA		25U	
1,1-DICHLOROETHANE	UG/L		1U		1U		NA		25U	
1,1-DICHLOROETHENE	UG/L		1U		1U		NA		25U	
1,1-DICHLOROPROPENE	UG/L		1U		1U		NA		25U	
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		NA		25U	
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		NA		25U	
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		NA		25U	
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		NA		25U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		NA		25U	
1,2-DIBROMOETHANE	UG/L		1U		1U		NA		25U	
1,2-DICHLOROBENZENE	UG/L		1U		2=		NA		25U	
1,2-DICHLOROETHANE	UG/L		4=		3=		NA		39=	
1,2-DICHLOROPROPANE	UG/L		1U		1U		NA		25U	
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		NA		25U	
1,3-DICHLOROBENZENE	UG/L		1U		1U		NA		25U	
1,3-DICHLOROPROPANE	UG/L		1U		1U		NA		25U	
1,4-DICHLOROBENZENE	UG/L		1U		4=		NA		25U	
2,2-DICHLOROPROPANE	UG/L		1U		1U		NA		25U	
2-CHLOROTOLUENE	UG/L		1U		1U		NA		25U	
4-CHLOROTOLUENE	UG/L		1U		1U		NA		25U	
BENZENE	UG/L		1U		1U		NA		25U	
BROMOBENZENE	UG/L		1U		1U		NA		25U	
BROMOCHLOROMETHANE	UG/L		1U		1U		NA		25U	
BROMODICHLOROMETHANE	UG/L		1U		1U		NA		25U	
BROMOFORM	UG/L		1U		1U		NA		25U	
BROMOMETHANE	UG/L		1U		1U		NA		25U	
CARBON TETRACHLORIDE	UG/L		1U		1U		NA		25U	
CHLOROBENZENE	UG/L		4=		40=		NA		25U	
CHLOROETHANE	UG/L		1U		1U		NA		25U	
CHLOROFORM	UG/L		1U		1U		NA		25U	

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126A		2-127A		2-127A		2-128A
	SampleID	J2-126A15JL6N1WG		J2-127A18JL6N1WG		J2-127A18JL6N9WG		J2-128A02JL6N1WG
	SampleDate	15-JUL-96		18-JUL-96		18-JUL-96		02-JUL-96
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
CHLOROMETHANE	UG/L		1U		1U		NA		25U
cis-1,2-DICHLOROETHYLENE	UG/L		6=		NA		170J		69=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		NA		25U
DIBROMOMETHANE	UG/L		1U		1U		NA		25U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		NA		25U
ETHYLBENZENE	UG/L		1U		1U		NA		25U
HEXACHLOROBUTADIENE	UG/L		1U		1U		NA		25U
ISOPROPYLBENZENE	UG/L		1U		1U		NA		25U
M,P-XYLENE	UG/L		1U		1U		NA		25U
METHYLENE CHLORIDE	UG/L		2=		1U		NA		25U
NAPHTHALENE	UG/L		1U		1U		NA		25U
N-BUTYLBENZENE	UG/L		1U		1U		NA		25U
N-PROPYLBENZENE	UG/L		1U		1U		NA		25U
O-XYLENE	UG/L		1U		1U		NA		25U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		NA		25U
SEC-BUTYLBENZENE	UG/L		1U		1U		NA		25U
STYRENE	UG/L		1U		1U		NA		25U
TERT-BUTYLBENZENE	UG/L		1U		1U		NA		25U
TETRACHLOROETHENE	UG/L		1U		1U		NA		25U
TOLUENE	UG/L		1U		1U		NA		25U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		2=		NA		25U
TRICHLOROETHENE	UG/L		1U		15=		NA		1000J
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		NA		25U
VINYL CHLORIDE	UG/L		1U		9=		NA		25U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129A		2-130A		2-131A		2-131A	
	SampleID	J2-129A02JL6N1WG		J2-130A03JL6N1WG		J2-131A03JL6N1WG		J2-131A03JL6N9WG	
	SampleDate	02-JUL-96		03-JUL-96		03-JUL-96		03-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		NA
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		NA
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		NA
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		NA
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		NA
1,1-DICHLOROETHENE	UG/L		1U		1U		.8J		NA
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		NA
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		NA
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		NA
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		NA
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		NA
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		NA
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		NA
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		NA
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		NA
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		NA
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		NA
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		NA
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		NA
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		NA
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		NA
2-CHLOROTOLUENE	UG/L		1U		1U		1U		NA
4-CHLOROTOLUENE	UG/L		1U		1U		1U		NA
BENZENE	UG/L		1U		1U		1U		NA
BROMOBENZENE	UG/L		1U		1U		1U		NA
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		NA
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		NA
BROMOFORM	UG/L		1U		1U		1U		NA
BROMOMETHANE	UG/L		1U		1U		1U		NA
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		NA
CHLOROBENZENE	UG/L		1U		1U		1U		NA
CHLOROETHANE	UG/L		1U		1U		1U		NA
CHLOROFORM	UG/L		1U		1U		1U		NA

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129A		2-130A		2-131A	2-131A	
	SampleID	J2-129A02JL6N1WG		J2-130A03JL6N1WG		J2-131A03JL6N1WG	J2-131A03JL6N9WG	
	SampleDate	02-JUL-96		03-JUL-96		03-JUL-96	03-JUL-96	
	Aquifer Zone	USZ		USZ		USZ	USZ	
Parameter	**Units**							
CHLOROMETHANE	UG/L		1U		1U		1U	NA
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		NA	160J
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U	NA
DIBROMOMETHANE	UG/L		1U		1U		1U	NA
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U	NA
ETHYLBENZENE	UG/L		1U		1U		1U	NA
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U	NA
ISOPROPYLBENZENE	UG/L		1U		1U		1U	NA
M,P-XYLENE	UG/L		1U		1U		1U	NA
METHYLENE CHLORIDE	UG/L		1U		1U		1U	NA
NAPHTHALENE	UG/L		1U		1U		1U	NA
N-BUTYLBENZENE	UG/L		1U		1U		1U	NA
N-PROPYLBENZENE	UG/L		1U		1U		1U	NA
O-XYLENE	UG/L		1U		1U		1U	NA
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U	NA
SEC-BUTYLBENZENE	UG/L		1U		1U		1U	NA
STYRENE	UG/L		1U		1U		1U	NA
TERT-BUTYLBENZENE	UG/L		1U		1U		1U	NA
TETRACHLOROETHENE	UG/L		1U		1U		1U	NA
TOLUENE	UG/L		1U		1U		1U	NA
TOTAL XYLENES	UG/L		NA		NA		NA	NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		6=	NA
TRICHLOROETHENE	UG/L		6=		1U		110=	NA
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U	NA
VINYL CHLORIDE	UG/L		1U		1U		15=	NA

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID		2-132A		2-132A		2-133A		2-134B	
		SampleID		J2-132A03JL6N1WG		J2-132A03JL6N9WG		J2-133A19JL6N1WG		J2-134B01MY6N1WG	
		SampleDate		03-JUL-96		03-JUL-96		19-JUL-96		01-MAY-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		NA		1U		1U	
1,1,1-TRICHLOROETHANE	UG/L		1U		NA		1U		1U	
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		NA		1U		1U	
1,1,2-TRICHLOROETHANE	UG/L		1U		NA		1U		1U	
1,1-DICHLOROETHANE	UG/L		1U		NA		1U		1U	
1,1-DICHLOROETHENE	UG/L		1U		NA		1U		2=	
1,1-DICHLOROPROPENE	UG/L		1U		NA		1U		1U	
1,2,3-TRICHLOROBENZENE	UG/L		1U		NA		1U		1U	
1,2,3-TRICHLOROPROPANE	UG/L		1U		NA		1U		1U	
1,2,4-TRICHLOROBENZENE	UG/L		1U		NA		1U		1U	
1,2,4-TRIMETHYLBENZENE	UG/L		1U		NA		1U		1U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		NA		1U		1U	
1,2-DIBROMOETHANE	UG/L		1U		NA		1U		1U	
1,2-DICHLOROBENZENE	UG/L		1U		NA		1U		1U	
1,2-DICHLOROETHANE	UG/L		1U		NA		1U		1U	
1,2-DICHLOROPROPANE	UG/L		1U		NA		1U		1U	
1,3,5-TRIMETHYLBENZENE	UG/L		1U		NA		1U		1U	
1,3-DICHLOROBENZENE	UG/L		1U		NA		1U		1U	
1,3-DICHLOROPROPANE	UG/L		1U		NA		1U		1U	
1,4-DICHLOROBENZENE	UG/L		1U		NA		1U		1U	
2,2-DICHLOROPROPANE	UG/L		1U		NA		1U		1U	
2-CHLOROTOLUENE	UG/L		1U		NA		1U		1U	
4-CHLOROTOLUENE	UG/L		1U		NA		1U		1U	
BENZENE	UG/L		1U		NA		1U		1U	
BROMOBENZENE	UG/L		1U		NA		1U		1U	
BROMOCHLOROMETHANE	UG/L		1U		NA		1U		1U	
BROMODICHLOROMETHANE	UG/L		1U		NA		1U		1U	
BROMOFORM	UG/L		1U		NA		1U		1U	
BROMOMETHANE	UG/L		1U		NA		1U		1U	
CARBON TETRACHLORIDE	UG/L		1U		NA		1U		1U	
CHLOROBENZENE	UG/L		1U		NA		1U		1U	
CHLOROETHANE	UG/L		1U		NA		1U		1U	
CHLOROFORM	UG/L		1U		NA		1U		0.80J	

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID		2-132A		2-132A		2-133A		2-134B	
		SampleID		J2-132A03JL6N1WG		J2-132A03JL6N9WG		J2-133A19JL6N1WG		J2-134B01MY6N1WG	
		SampleDate		03-JUL-96		03-JUL-96		19-JUL-96		01-MAY-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
CHLOROMETHANE	UG/L		1U		NA		1U		1U	
cis-1,2-DICHLOROETHYLENE	UG/L		31=		NA		1U		1U	
DIBROMOCHLOROMETHANE	UG/L		1U		NA		1U		1U	
DIBROMOMETHANE	UG/L		1U		NA		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		1U		NA		1U		1U	
ETHYLBENZENE	UG/L		1U		NA		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		NA		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		NA		1U		1U	
M,P-XYLENE	UG/L		1U		NA		1U		1U	
METHYLENE CHLORIDE	UG/L		1U		NA		1U		3=	
NAPHTHALENE	UG/L		1U		NA		1U		1U	
N-BUTYLBENZENE	UG/L		1U		NA		1U		1U	
N-PROPYLBENZENE	UG/L		1U		NA		1U		1U	
O-XYLENE	UG/L		1U		NA		1U		NA	
P-ISOPROPYLTOLUENE	UG/L		1U		10U		1U		1U	
SEC-BUTYLBENZENE	UG/L		1U		NA		1U		1U	
STYRENE	UG/L		1U		NA		1U		1U	
TERT-BUTYLBENZENE	UG/L		1U		NA		1U		NA	
TETRACHLOROETHENE	UG/L		1U		NA		1U		8=	
TOLUENE	UG/L		1U		NA		1U		1U	
TOTAL XYLENES	UG/L		NA		NA		NA		1U	
TRANS-1,2-DICHLOROETHENE	UG/L		6=		NA		1U		1U	
TRICHLOROETHENE	UG/L		NA		210=		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L		1U		NA		1U		1U	
VINYL CHLORIDE	UG/L		1U		NA		1U		1U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID		2-135B		2-136B		2-136B		2-137B	
		SampleID		J2-135B15JL6N1WG		J2-136B26JL6N1WG		J2-136B26JL6N9WG		J2-137B25SP6N1WG	
		SampleDate		15-JUL-96		26-JUL-96		26-JUL-96		25-SEP-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		NA		1U	
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		NA		1U	
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		NA		1U	
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		NA		1U	
1,1-DICHLOROETHANE	UG/L		1U		1U		NA		1U	
1,1-DICHLOROETHENE	UG/L		1U		1U		NA		1U	
1,1-DICHLOROPROPENE	UG/L		1U		1U		NA		1U	
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		NA		1U	
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		NA		1U	
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		NA		1U	
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		NA		1U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		NA		1U	
1,2-DIBROMOETHANE	UG/L		1U		1U		NA		1U	
1,2-DICHLOROBENZENE	UG/L		2=		1U		NA		1U	
1,2-DICHLOROETHANE	UG/L		1U		52=		NA		1U	
1,2-DICHLOROPROPANE	UG/L		1U		.9J		NA		1U	
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		NA		1U	
1,3-DICHLOROBENZENE	UG/L		1U		1U		NA		1U	
1,3-DICHLOROPROPANE	UG/L		1U		1U		NA		1U	
1,4-DICHLOROBENZENE	UG/L		1U		1U		NA		1U	
2,2-DICHLOROPROPANE	UG/L		1U		1U		NA		1U	
2-CHLOROTOLUENE	UG/L		1U		1U		NA		1U	
4-CHLOROTOLUENE	UG/L		1U		1U		NA		1U	
BENZENE	UG/L		1U		1U		NA		1U	
BROMOBENZENE	UG/L		1U		1U		NA		1U	
BROMOCHLOROMETHANE	UG/L		1U		1U		NA		1U	
BROMODICHLOROMETHANE	UG/L		1U		1U		NA		1U	
BROMOFORM	UG/L		1U		1U		NA		1U	
BROMOMETHANE	UG/L		1U		1U		NA		1U	
CARBON TETRACHLORIDE	UG/L		1U		23=		NA		1U	
CHLOROBENZENE	UG/L		1U		1U		NA		1U	
CHLOROETHANE	UG/L		1U		1U		NA		1U	
CHLOROFORM	UG/L		1U				66=		1U	

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-135B		2-136B		2-136B		2-137B	
		SampleID	J2-135B15JL6N1WG		J2-136B26JL6N1WG		J2-136B26JL6N9WG		J2-137B25SP6N1WG	
		SampleDate	15-JUL-96		26-JUL-96		26-JUL-96		25-SEP-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			1U		1U		NA		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		55=		NA		1U
DIBROMOCHLOROMETHANE	UG/L			1U		1U		NA		1U
DIBROMOMETHANE	UG/L			1U		1U		NA		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		NA		1U
ETHYLBENZENE	UG/L			1U		1U		NA		1U
HEXACHLOROBUTADIENE	UG/L			1U		1U		NA		1U
ISOPROPYLBENZENE	UG/L			1U		1U		NA		1U
M,P-XYLENE	UG/L			1U		1U		NA		1U
METHYLENE CHLORIDE	UG/L			2=		2=		NA		1U
NAPHTHALENE	UG/L			1U		1U		NA		1U
N-BUTYLBENZENE	UG/L			1U		1U		NA		1U
N-PROPYLBENZENE	UG/L			1U		1U		NA		1U
O-XYLENE	UG/L			1U		1U		NA		1U
P-ISOPROPYLTOLUENE	UG/L			1U		1U		NA		1U
SEC-BUTYLBENZENE	UG/L			1U		1U		NA		1U
STYRENE	UG/L			1U		1U		NA		1U
TERT-BUTYLBENZENE	UG/L			1U		1U		NA		1U
TETRACHLOROETHENE	UG/L			1U		1U		NA		1U
TOLUENE	UG/L			1U		1U		NA		1U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			2=		1U		NA		1U
TRICHLOROETHENE	UG/L			1U		NA		65=		1U
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		NA		1U
VINYL CHLORIDE	UG/L			1U		1U		NA		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-138B		2-139B		2-141B		2-142B	
		SampleID	J2-138B15AG6N1WG		J2-139B01JL6N1WG		J2-141B01JL6N1WG		J2-142B01JL6N1WG	
		SampleDate	15-AUG-96		01-JUL-96		01-JUL-96		01-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L			1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L			1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L			1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L			1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L			1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L			1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L			1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L			1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L			1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L			1U		1U		1U		1U
BENZENE	UG/L			1U		1U		1U		1U
BROMOBENZENE	UG/L			1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L			1U		1U		1U		1U
BROMOFORM	UG/L			1U		1U		1U		1U
BROMOMETHANE	UG/L			1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L			1U		1U		1U		1U
CHLOROBENZENE	UG/L			1U		1U		1U		1U
CHLOROETHANE	UG/L			1U		1U		1U		1U
CHLOROFORM	UG/L			1U		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138B		2-139B		2-141B		2-142B	
	SampleID	J2-138B15AG6N1WG		J2-139B01JL6N1WG		J2-141B01JL6N1WG		J2-142B01JL6N1WG	
	SampleDate	15-AUG-96		01-JUL-96		01-JUL-96		01-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		.8J		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		2=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-143B		2-144B		2-147A		2-167B	
	SampleID	J2-143B01AG6N1WG		J2-144B02AG6N1WG		J2-147A08MY6N1WG		J2-167B24JL6N1WG	
	SampleDate	01-AUG-96		02-AUG-96		08-MAY-96		24-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		25U		25U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		25U		25U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		25U		25U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		25U		25U		1U		1U
1,1-DICHLOROETHANE	UG/L		25U		25U		1U		1U
1,1-DICHLOROETHENE	UG/L		25U		25U		1U		1U
1,1-DICHLOROPROPENE	UG/L		25U		25U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		25U		25U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		25U		25U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		25U		25U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		25U		25U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		25U		25U		1U		1U
1,2-DIBROMOETHANE	UG/L		25U		25U		1U		1U
1,2-DICHLOROBENZENE	UG/L		25U		25U		1U		1U
1,2-DICHLOROETHANE	UG/L		25U		720=		1U		1U
1,2-DICHLOROPROPANE	UG/L		25U		25U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		25U		25U		1U		1U
1,3-DICHLOROBENZENE	UG/L		25U		25U		1U		1U
1,3-DICHLOROPROPANE	UG/L		25U		25U		1U		1U
1,4-DICHLOROBENZENE	UG/L		25U		25U		1U		1U
2,2-DICHLOROPROPANE	UG/L		25U		25U		1U		1U
2-CHLOROTOLUENE	UG/L		25U		25U		1U		1U
4-CHLOROTOLUENE	UG/L		25U		25U		1U		1U
BENZENE	UG/L		25U		25U		1U		1U
BROMOBENZENE	UG/L		25U		25U		1U		1U
BROMOCHLOROMETHANE	UG/L		25U		25U		1U		1U
BROMODICHLOROMETHANE	UG/L		25U		25U		1U		1U
BROMOFORM	UG/L		25U		25U		1U		1U
BROMOMETHANE	UG/L		25U		25U		1U		1U
CARBON TETRACHLORIDE	UG/L		25U		25U		1U		1U
CHLOROBENZENE	UG/L		25U		25U		1U		1U
CHLOROETHANE	UG/L		25U		25U		1U		1U
CHLOROFORM	UG/L		37=		92=		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-143B		2-144B		2-147A		2-167B	
		SampleID	J2-143B01AG6N1WG		J2-144B02AG6N1WG		J2-147A08MY6N1WG		J2-167B24JL6N1WG	
		SampleDate	01-AUG-96		02-AUG-96		08-MAY-96		24-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			25U		25U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			25U		26=		1U		1U
DIBROMOCHLOROMETHANE	UG/L			25U		25U		1U		1U
DIBROMOMETHANE	UG/L			25U		25U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			25U		25U		1U		1U
ETHYLBENZENE	UG/L			25U		25U		1U		1U
HEXACHLOROBUTADIENE	UG/L			25U		25U		1U		1U
ISOPROPYLBENZENE	UG/L			25U		25U		1U		1U
M,P-XYLENE	UG/L			25U		25U		1U		1U
METHYLENE CHLORIDE	UG/L			42=		25U		1U		4=
NAPHTHALENE	UG/L			25U		25U		1U		1U
N-BUTYLBENZENE	UG/L			25U		25U		1U		1U
N-PROPYLBENZENE	UG/L			25U		25U		1U		1U
O-XYLENE	UG/L			25U		25U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			25U		25U		1U		1U
SEC-BUTYLBENZENE	UG/L			25U		25U		1U		1U
STYRENE	UG/L			25U		25U		1U		1U
TERT-BUTYLBENZENE	UG/L			25U		25U		1U		1U
TETRACHLOROETHENE	UG/L			25U		25U		1U		1U
TOLUENE	UG/L			25U		25U		1U		1U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			25U		25U		1U		1U
TRICHLOROETHENE	UG/L			380=		130J		1U		1U
TRICHLOROFLUOROMETHANE	UG/L			25U		25U		1U		1U
VINYL CHLORIDE	UG/L			25U		25U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-168B		2-19B		2-20B		2-214A	
		SampleID	J2-168B24JL6N1WG		J2-19B22JL6N1WG		J2-20B22JL6N1WG		J2-214A18JL6N1WG	
		SampleDate	24-JUL-96		22-JUL-96		22-JUL-96		18-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L		5U		1U		5U		1U	
1,1,1-TRICHLOROETHANE	UG/L		5U		1U		5U		1U	
1,1,2,2-TETRACHLOROETHANE	UG/L		5U		1U		5U		1U	
1,1,2-TRICHLOROETHANE	UG/L		5U		1U		5U		1U	
1,1-DICHLOROETHANE	UG/L		5U		1U		5U		1U	
1,1-DICHLOROETHENE	UG/L		5U		1U		5U		1U	
1,1-DICHLOROPROPENE	UG/L		5U		1U		5U		1U	
1,2,3-TRICHLOROBENZENE	UG/L		5U		1U		13J		1U	
1,2,3-TRICHLOROPROPANE	UG/L		5U		1U		5U		1U	
1,2,4-TRICHLOROBENZENE	UG/L		5U		1U		61=		1U	
1,2,4-TRIMETHYLBENZENE	UG/L		5U		1U		5U		1U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		5U		1U		5U		1U	
1,2-DIBROMOETHANE	UG/L		5U		1U		5U		1U	
1,2-DICHLOROBENZENE	UG/L		5U		1U		5U		1U	
1,2-DICHLOROETHANE	UG/L		5U		1U		5U		3=	
1,2-DICHLOROPROPANE	UG/L		5U		1U		5U		1U	
1,3,5-TRIMETHYLBENZENE	UG/L		5U		1U		5U		1U	
1,3-DICHLOROBENZENE	UG/L		5U		1U		5U		1U	
1,3-DICHLOROPROPANE	UG/L		5U		1U		5U		1U	
1,4-DICHLOROBENZENE	UG/L		5U		1U		5U		1U	
2,2-DICHLOROPROPANE	UG/L		5U		1U		5U		1U	
2-CHLOROTOLUENE	UG/L		5U		1U		5U		1U	
4-CHLOROTOLUENE	UG/L		5U		1U		5U		1U	
BENZENE	UG/L		4J		1U		5U		1U	
BROMOBENZENE	UG/L		5U		1U		5U		1U	
BROMOCHLOROMETHANE	UG/L		5U		1U		5U		1U	
BROMODICHLOROMETHANE	UG/L		5U		1U		5U		1U	
BROMOFORM	UG/L		5U		1U		5U		1U	
BROMOMETHANE	UG/L		5U		1U		5U		1U	
CARBON TETRACHLORIDE	UG/L		5U		1U		5U		1U	
CHLOROBENZENE	UG/L		5U		1U		5U		8=	
CHLOROETHANE	UG/L		5U		1U		5U		1U	
CHLOROFORM	UG/L		5U		1U		5U		1U	

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-168B		2-19B		2-20B		2-214A
	SampleID	J2-168B24JL6N1WG		J2-19B22JL6N1WG		J2-20B22JL6N1WG		J2-214A18JL6N1WG
	SampleDate	24-JUL-96		22-JUL-96		22-JUL-96		18-JUL-96
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
CHLOROMETHANE	UG/L		5U		1U		5U	1U
cis-1,2-DICHLOROETHYLENE	UG/L		19J		1U		77=	40=
DIBROMOCHLOROMETHANE	UG/L		5U		1U		5U	1U
DIBROMOMETHANE	UG/L		5U		1U		5U	1U
DICHLORODIFLUOROMETHANE	UG/L		5U		1U		5U	1U
ETHYLBENZENE	UG/L		5U		1U		5U	1U
HEXACHLOROBUTADIENE	UG/L		5U		1U		5U	1U
ISOPROPYLBENZENE	UG/L		5U		1U		5U	1U
M,P-XYLENE	UG/L		5U		1U		5U	1U
METHYLENE CHLORIDE	UG/L		5U		1U		5U	1U
NAPHTHALENE	UG/L		5U		1U		5U	1U
N-BUTYLBENZENE	UG/L		5U		1U		5U	1U
N-PROPYLBENZENE	UG/L		5U		1U		5U	1U
O-XYLENE	UG/L		5U		1U		5U	1U
P-ISOPROPYLTOLUENE	UG/L		5U		1U		5U	1U
SEC-BUTYLBENZENE	UG/L		5U		1U		5U	1U
STYRENE	UG/L		5U		1U		5U	1U
TERT-BUTYLBENZENE	UG/L		5U		1U		5U	1U
TETRACHLOROETHENE	UG/L		5U		1U		5U	1U
TOLUENE	UG/L		5U		1U		5U	1U
TOTAL XYLENES	UG/L		NA		NA		NA	NA
TRANS-1,2-DICHLOROETHENE	UG/L		5U		1U		5U	.9J
TRICHLOROETHENE	UG/L		5U		1U		10J	15=
TRICHLOROFLUOROMETHANE	UG/L		140J		1U		5U	1U
VINYL CHLORIDE	UG/L		5U		1U		9=	2=

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-21B		2-62B		2-63B		2-64B	
		SampleID	J2-21B03MY6N1WG		J2-62B24JL6N1WG		J2-63B24JL6N1WG		J2-64B24JL6N1WG	
		SampleDate	03-MAY-96		24-JUL-96		24-JUL-96		24-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		250U		10U		25U
1,1,1-TRICHLOROETHANE	UG/L			1U		250U		10U		25U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		250U		10U		25U
1,1,2-TRICHLOROETHANE	UG/L			1U		250U		10U		25U
1,1-DICHLOROETHANE	UG/L			1U		250U		10U		25U
1,1-DICHLOROETHENE	UG/L			1U		250U		10U		25U
1,1-DICHLOROPROPENE	UG/L			1U		250U		10U		25U
1,2,3-TRICHLOROBENZENE	UG/L			1U		250U		10U		25U
1,2,3-TRICHLOROPROPANE	UG/L			1U		250U		10U		25U
1,2,4-TRICHLOROBENZENE	UG/L			1U		250U		10U		25U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		250U		10U		25U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		250U		10U		25U
1,2-DIBROMOETHANE	UG/L			1U		250U		10U		25U
1,2-DICHLOROBENZENE	UG/L			1U		460=		10U		25U
1,2-DICHLOROETHANE	UG/L			1U		190J		10U		25U
1,2-DICHLOROPROPANE	UG/L			1U		250U		10U		25U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		250U		10U		25U
1,3-DICHLOROBENZENE	UG/L			1U		250U		10U		25U
1,3-DICHLOROPROPANE	UG/L			1U		250U		10U		25U
1,4-DICHLOROBENZENE	UG/L			1U		250U		10U		25U
2,2-DICHLOROPROPANE	UG/L			1U		250U		10U		25U
2-CHLOROTOLUENE	UG/L			1U		250U		10U		25U
4-CHLOROTOLUENE	UG/L			1U		250U		10U		25U
BENZENE	UG/L			1U		250U		10U		25U
BROMOBENZENE	UG/L			1U		250U		10U		25U
BROMOCHLOROMETHANE	UG/L			1U		250U		10U		25U
BROMODICHLOROMETHANE	UG/L			1U		250U		10U		25U
BROMOFORM	UG/L			1U		250U		10U		25U
BROMOMETHANE	UG/L			1U		250U		10U		25U
CARBON TETRACHLORIDE	UG/L			1U		250U		10U		25U
CHLOROBENZENE	UG/L			1U		250U		10U		25U
CHLOROETHANE	UG/L			1U		250U		10U		25U
CHLOROFORM	UG/L			1U		220J		10U		25U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-21B		2-62B		2-63B		2-64B	
		SampleID	J2-21B03MY6N1WG		J2-62B24JL6N1WG		J2-63B24JL6N1WG		J2-64B24JL6N1WG	
		SampleDate	03-MAY-96		24-JUL-96		24-JUL-96		24-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			1U		250U		10U		25U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		960=		190=		180J
DIBROMOCHLOROMETHANE	UG/L			1U		250U		10U		25U
DIBROMOMETHANE	UG/L			1U		250U		10U		25U
DICHLORODIFLUOROMETHANE	UG/L			1U		250U		10U		25U
ETHYLBENZENE	UG/L			1U		250U		10U		25U
HEXACHLOROBUTADIENE	UG/L			1U		250U		10U		25U
ISOPROPYLBENZENE	UG/L			1U		250U		10U		25U
M,P-XYLENE	UG/L			1U		250U		10U		25U
METHYLENE CHLORIDE	UG/L			1U		1400J		10U		37=
NAPHTHALENE	UG/L			1U		250U		10U		25U
N-BUTYLBENZENE	UG/L			1U		250U		10U		25U
N-PROPYLBENZENE	UG/L			1U		250U		10U		25U
O-XYLENE	UG/L			1U		250U		10U		25U
P-ISOPROPYLTOLUENE	UG/L			1U		250U		10U		25U
SEC-BUTYLBENZENE	UG/L			1U		250U		10U		25U
STYRENE	UG/L			1U		250U		10U		25U
TERT-BUTYLBENZENE	UG/L			1U		250U		10U		25U
TETRACHLOROETHENE	UG/L			1U		250U		10U		25U
TOLUENE	UG/L			1U		250U		10U		25U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		250U		10U		25U
TRICHLOROETHENE	UG/L			1U		4300=		22=		470=
TRICHLOROFLUOROMETHANE	UG/L			1U		250U		91=		25U
VINYL CHLORIDE	UG/L			1U		250U		10U		25U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-65B		2-66A		2-66B		2-67A	
		SampleID	J2-65B24JL6N1WG		J2-66A01MY6N1WG		J2-66B01MY6N1WG		J2-67A01MY6N1WG	
		SampleDate	24-JUL-96		01-MAY-96		01-MAY-96		01-MAY-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			2U		1U		1U		5U
1,1,1-TRICHLOROETHANE	UG/L			2U		1U		1U		5U
1,1,2,2-TETRACHLOROETHANE	UG/L			2U		1U		1U		5U
1,1,2-TRICHLOROETHANE	UG/L			2U		1U		1U		5U
1,1-DICHLOROETHANE	UG/L			2U		1U		1U		5U
1,1-DICHLOROETHENE	UG/L			2U		1U		1U		5U
1,1-DICHLOROPROPENE	UG/L			2U		1U		1U		5U
1,2,3-TRICHLOROBENZENE	UG/L			2U		1U		1U		5U
1,2,3-TRICHLOROPROPANE	UG/L			2U		1U		1U		5U
1,2,4-TRICHLOROBENZENE	UG/L			2U		1U		1U		5U
1,2,4-TRIMETHYLBENZENE	UG/L			2U		1U		1U		5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			2U		1U		1U		5U
1,2-DIBROMOETHANE	UG/L			2U		1U		1U		5U
1,2-DICHLOROBENZENE	UG/L			10J		1U		1U		5U
1,2-DICHLOROETHANE	UG/L			4=		1U		1U		74=
1,2-DICHLOROPROPANE	UG/L			2U		1U		1U		5U
1,3,5-TRIMETHYLBENZENE	UG/L			2U		1U		1U		5U
1,3-DICHLOROBENZENE	UG/L			2U		1U		1U		5U
1,3-DICHLOROPROPANE	UG/L			2U		1U		1U		5U
1,4-DICHLOROBENZENE	UG/L			5=		1U		1U		5U
2,2-DICHLOROPROPANE	UG/L			2U		1U		1U		5U
2-CHLOROTOLUENE	UG/L			2U		1U		1U		5U
4-CHLOROTOLUENE	UG/L			2U		1U		1U		5U
BENZENE	UG/L			2U		1U		1U		85=
BROMOBENZENE	UG/L			2U		1U		1U		5U
BROMOCHLOROMETHANE	UG/L			2U		1U		1U		5U
BROMODICHLOROMETHANE	UG/L			2U		1U		1U		5U
BROMOFORM	UG/L			2U		1U		1U		5U
BROMOMETHANE	UG/L			2U		1U		1U		5U
CARBON TETRACHLORIDE	UG/L			2U		21=		1U		5U
CHLOROBENZENE	UG/L			19J		1U		1U		5U
CHLOROETHANE	UG/L			2U		1U		1U		5U
CHLOROFORM	UG/L			2U		16=		1U		5U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-65B		2-66A		2-66B		2-67A	
		SampleID	J2-65B24JL6N1WG		J2-66A01MY6N1WG		J2-66B01MY6N1WG		J2-67A01MY6N1WG	
		SampleDate	24-JUL-96		01-MAY-96		01-MAY-96		01-MAY-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			2U		1U		1U		5U
cis-1,2-DICHLOROETHYLENE	UG/L			33=		1U		1U		68=
DIBROMOCHLOROMETHANE	UG/L			2U		1U		1U		5U
DIBROMOMETHANE	UG/L			2U		1U		1U		5U
DICHLORODIFLUOROMETHANE	UG/L			2U		1U		1U		5U
ETHYLBENZENE	UG/L			2U		1U		1U		9=
HEXACHLOROBUTADIENE	UG/L			2U		1U		1U		5U
ISOPROPYLBENZENE	UG/L			2U		1U		1U		8=
M,P-XYLENE	UG/L			2U		1U		1U		5U
METHYLENE CHLORIDE	UG/L			2U		1U		2=		28=
NAPHTHALENE	UG/L			2U		1U		1U		5U
N-BUTYLBENZENE	UG/L			2U		1U		1U		5U
N-PROPYLBENZENE	UG/L			2U		1U		1U		5U
O-XYLENE	UG/L			2U		NA		NA		NA
P-ISOPROPYLTOLUENE	UG/L			2U		1U		1U		5U
SEC-BUTYLBENZENE	UG/L			2U		1U		1U		5U
STYRENE	UG/L			2U		1U		1U		5U
TERT-BUTYLBENZENE	UG/L			2U		NA		NA		NA
TETRACHLOROETHENE	UG/L			44=		1U		1U		5U
TOLUENE	UG/L			2U		1U		1U		5U
TOTAL XYLENES	UG/L			NA		1U		1U		5U
TRANS-1,2-DICHLOROETHENE	UG/L			4=		1U		1U		5U
TRICHLOROETHENE	UG/L			55=		3=		1U		45=
TRICHLOROFLUOROMETHANE	UG/L			2U		1U		1U		5U
VINYL CHLORIDE	UG/L			2U		1U		1U		30=

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-67B		2-68A		2-68B		2AR	
	SampleID	J2-67B01MY6N1WG		J2-68A01MY6N1WG		J2-68B01MY6N1WG		J2AR18JL6N1WG	
	SampleDate	01-MAY-96		01-MAY-96		01-MAY-96		18-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		12U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		11=		12U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		12U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		12U		1U		1U
1,1-DICHLOROETHANE	UG/L		12=		12U		1U		1U
1,1-DICHLOROETHENE	UG/L		80=		12U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		12U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		12U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		12U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		12U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		12U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		12U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		12U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1=		12U		1U		1U
1,2-DICHLOROETHANE	UG/L		6=		12U		1U		1U
1,2-DICHLOROPROPANE	UG/L		21=		12U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		12U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		12U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		12U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		12U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		12U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		12U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		12U		1U		1U
BENZENE	UG/L		0.80J		12U		1U		1U
BROMOBENZENE	UG/L		1U		12U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		12U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		12U		1U		1U
BROMOFORM	UG/L		1U		12U		1U		1U
BROMOMETHANE	UG/L		1U		12U		1U		1U
CARBON TETRACHLORIDE	UG/L		2=		150=		1U		1U
CHLOROBENZENE	UG/L		1U		12U		1U		1U
CHLOROETHANE	UG/L		1U		12U		1U		1U
CHLOROFORM	UG/L		8=		330=		0.90J		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-67B		2-68A		2-68B		2AR	
		SampleID	J2-67B01MY6N1WG		J2-68A01MY6N1WG		J2-68B01MY6N1WG		J2AR18JL6N1WG	
		SampleDate	01-MAY-96		01-MAY-96		01-MAY-96		18-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L		1U		12U		1U		1U	
cis-1,2-DICHLOROETHYLENE	UG/L		16=		12U		1U		1U	
DIBROMOCHLOROMETHANE	UG/L		1U		12U		1U		1U	
DIBROMOMETHANE	UG/L		1U		12U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		2=		12U		1U		1U	
ETHYLBENZENE	UG/L		1U		12U		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		12U		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		12U		1U		1U	
M,P-XYLENE	UG/L		1U		12U		1U		1U	
METHYLENE CHLORIDE	UG/L		140=		12U		2=		1U	
NAPHTHALENE	UG/L		1U		12U		1U		1U	
N-BUTYLBENZENE	UG/L		1U		12U		1U		1U	
N-PROPYLBENZENE	UG/L		1U		12U		1U		1U	
O-XYLENE	UG/L		NA		NA		NA		1U	
P-ISOPROPYLTOLUENE	UG/L		1U		12U		1U		1U	
SEC-BUTYLBENZENE	UG/L		1U		12U		1U		1U	
STYRENE	UG/L		1U		12U		1U		1U	
TERT-BUTYLBENZENE	UG/L		NA		NA		NA		1U	
TETRACHLOROETHENE	UG/L		150=		12U		5=		1U	
TOLUENE	UG/L		1U		12U		1U		1U	
TOTAL XYLENES	UG/L		1U		12U		1U		NA	
TRANS-1,2-DICHLOROETHENE	UG/L		1U		12U		1U		1U	
TRICHLOROETHENE	UG/L		10=		32=		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L		1U		12U		1U		1U	
VINYL CHLORIDE	UG/L		5=		12U		1U		1U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	3A		41AR		42AR		43AR	
	SampleID	J3A26JL6N1WG		J41AR16AG6N1WG		J42AR13AG6N1WG		J43AR23JL6N1WG	
	SampleDate	26-JUL-96		16-AUG-96		13-AUG-96		23-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	3A		41AR		42AR		43AR	
	SampleID	J3A26JL6N1WG		J41AR16AG6N1WG		J42AR13AG6N1WG		J43AR23JL6N1WG	
	SampleDate	26-JUL-96		16-AUG-96		13-AUG-96		23-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		2=		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	45AR		45AR		46AR		47AR	
		SampleID	J45AR12JL6N1WG		J45AR12JL6N9WG		J46AR12JL6N1WG		J47AR12JL6N1WG	
		SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		12-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		NA		1U		1U
1,1,1-TRICHLOROETHANE	UG/L			1U		NA		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		NA		1U		1U
1,1,2-TRICHLOROETHANE	UG/L			1U		NA		1U		1U
1,1-DICHLOROETHANE	UG/L			1U		NA		1U		1U
1,1-DICHLOROETHENE	UG/L			1U		NA		1U		1U
1,1-DICHLOROPROPENE	UG/L			1U		NA		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L			1U		NA		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L			1U		NA		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L			1U		NA		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		NA		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		NA		1U		1U
1,2-DIBROMOETHANE	UG/L			1U		NA		1U		1U
1,2-DICHLOROBENZENE	UG/L			2=		NA		1U		1U
1,2-DICHLOROETHANE	UG/L			11=		NA		12=		1U
1,2-DICHLOROPROPANE	UG/L			1U		NA		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		NA		1U		1U
1,3-DICHLOROBENZENE	UG/L			1U		NA		1U		1U
1,3-DICHLOROPROPANE	UG/L			1U		NA		1U		1U
1,4-DICHLOROBENZENE	UG/L			2=		NA		1U		1U
2,2-DICHLOROPROPANE	UG/L			1U		NA		1U		1U
2-CHLOROTOLUENE	UG/L			1U		NA		1U		1U
4-CHLOROTOLUENE	UG/L			1U		NA		1U		1U
BENZENE	UG/L			1U		NA		1U		1U
BROMOBENZENE	UG/L			1U		NA		1U		1U
BROMOCHLOROMETHANE	UG/L			1U		NA		1U		1U
BROMODICHLOROMETHANE	UG/L			1U		NA		1U		1U
BROMOFORM	UG/L			1U		NA		1U		1U
BROMOMETHANE	UG/L			1U		NA		1U		1U
CARBON TETRACHLORIDE	UG/L			1U		NA		1U		1U
CHLOROBENZENE	UG/L			20=		NA		1U		1U
CHLOROETHANE	UG/L			1U		NA		1U		1U
CHLOROFORM	UG/L			1U		NA		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR		47AR
	SampleID	J45AR12JL6N1WG		J45AR12JL6N9WG		J46AR12JL6N1WG		J47AR12JL6N1WG
	SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		12-JUL-96
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
CHLOROMETHANE	UG/L		1U		NA		1U	1U
cis-1,2-DICHLOROETHYLENE	UG/L				170=		29=	1U
DIBROMOCHLOROMETHANE	UG/L		1U		NA		1U	1U
DIBROMOMETHANE	UG/L		1U		NA		1U	1U
DICHLORODIFLUOROMETHANE	UG/L		1U		NA		1U	1U
ETHYLBENZENE	UG/L		1U		NA		1U	1U
HEXACHLOROBUTADIENE	UG/L		1U		NA		1U	1U
ISOPROPYLBENZENE	UG/L		1U		NA		1U	1U
M,P-XYLENE	UG/L		1U		NA		1U	1U
METHYLENE CHLORIDE	UG/L		1U		NA		1U	1U
NAPHTHALENE	UG/L		1U		NA		1U	1U
N-BUTYLBENZENE	UG/L		1U		NA		1U	1U
N-PROPYLBENZENE	UG/L		1U		NA		1U	1U
O-XYLENE	UG/L		1U		NA		1U	1U
P-ISOPROPYLTOLUENE	UG/L		1U		NA		1U	1U
SEC-BUTYLBENZENE	UG/L		1U		NA		1U	1U
STYRENE	UG/L		1U		NA		1U	1U
TERT-BUTYLBENZENE	UG/L		1U		NA		1U	1U
TETRACHLOROETHENE	UG/L		1U		NA		1U	1U
TOLUENE	UG/L		1U		NA		1U	1U
TOTAL XYLENES	UG/L		NA		NA		NA	NA
TRANS-1,2-DICHLOROETHENE	UG/L		.8J		NA		.6J	1U
TRICHLOROETHENE	UG/L		14=		NA		3=	1U
TRICHLOROFLUOROMETHANE	UG/L		1U		NA		1U	1U
VINYL CHLORIDE	UG/L		1U		NA		1U	1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	4AR		59B		5AR		5C	
		SampleID	J4AR01MY6N1WG		J59B26JL6N1WG		J5AR08JL6N1WG		J5C08JL6N1WG	
		SampleDate	01-MAY-96		26-JUL-96		08-JUL-96		08-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		50U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L			1U		50U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		50U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L			1U		50U		1U		1U
1,1-DICHLOROETHANE	UG/L			1U		50U		1U		1U
1,1-DICHLOROETHENE	UG/L			1U		50U		1U		1U
1,1-DICHLOROPROPENE	UG/L			1U		50U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L			1U		50U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L			1U		50U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L			1U		50U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		50U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		50U		1U		1U
1,2-DIBROMOETHANE	UG/L			1U		50U		1U		1U
1,2-DICHLOROBENZENE	UG/L			1U		50U		1U		1U
1,2-DICHLOROETHANE	UG/L			1U		50U		18=		14=
1,2-DICHLOROPROPANE	UG/L			1U		50U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		50U		1U		1U
1,3-DICHLOROBENZENE	UG/L			1U		50U		1U		1U
1,3-DICHLOROPROPANE	UG/L			1U		50U		1U		1U
1,4-DICHLOROBENZENE	UG/L			1=		50U		1U		1U
2,2-DICHLOROPROPANE	UG/L			1U		50U		1U		1U
2-CHLOROTOLUENE	UG/L			1U		50U		1U		1U
4-CHLOROTOLUENE	UG/L			1U		50U		1U		1U
BENZENE	UG/L			1U		50U		1U		1U
BROMOBENZENE	UG/L			1U		50U		1U		1U
BROMOCHLOROMETHANE	UG/L			1U		50U		1U		1U
BROMODICHLOROMETHANE	UG/L			1U		50U		1U		1U
BROMOFORM	UG/L			1U		50U		1U		1U
BROMOMETHANE	UG/L			1U		50U		1U		1U
CARBON TETRACHLORIDE	UG/L			1U		50U		1U		1U
CHLOROBENZENE	UG/L			3=		50U		1U		1U
CHLOROETHANE	UG/L			1U		50U		1U		1U
CHLOROFORM	UG/L			1U		50U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	4AR		59B		5AR		5C	
		SampleID	J4AR01MY6N1WG		J59B26JL6N1WG		J5AR08JL6N1WG		J5C08JL6N1WG	
		SampleDate	01-MAY-96		26-JUL-96		08-JUL-96		08-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L			1U		50U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		53=		12=		6=
DIBROMOCHLOROMETHANE	UG/L			1U		50U		1U		1U
DIBROMOMETHANE	UG/L			1U		50U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		50U		1U		1U
ETHYLBENZENE	UG/L			NA		50U		1U		1U
HEXACHLOROBUTADIENE	UG/L			1U		50U		1U		1U
ISOPROPYLBENZENE	UG/L			1U		50U		1U		1U
M,P-XYLENE	UG/L			1U		50U		1U		1U
METHYLENE CHLORIDE	UG/L			1U		44J		1U		1U
NAPHTHALENE	UG/L			1U		50U		1U		1U
N-BUTYLBENZENE	UG/L			1U		50U		1U		1U
N-PROPYLBENZENE	UG/L			1U		50U		1U		1U
O-XYLENE	UG/L			NA		50U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			1U		50U		1U		1U
SEC-BUTYLBENZENE	UG/L			1U		50U		1U		1U
STYRENE	UG/L			1U		50U		1U		1U
TERT-BUTYLBENZENE	UG/L			NA		50U		1U		1U
TETRACHLOROETHENE	UG/L			1U		50U		1U		1U
TOLUENE	UG/L			1U		50U		1U		1U
TOTAL XYLENES	UG/L			1U		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		50U		.9J		.6J
TRICHLOROETHENE	UG/L			1U		1800J		2=		1U
TRICHLOROFLUOROMETHANE	UG/L			1U		50U		1U		1U
VINYL CHLORIDE	UG/L			1U		50U		1U		1U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	6		60B		61A		62	
	SampleID	J6B03MY6N1WG		J60B08JL6N1WG		J61A22JL6N1WG		J6222JL6N1WG	
	SampleDate	03-MAY-96		08-JUL-96		22-JUL-96		22-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		100U		1U		1U		2U
1,1,1-TRICHLOROETHANE	UG/L		100U		1U		1U		2U
1,1,2,2-TETRACHLOROETHANE	UG/L		100U		1U		1U		2U
1,1,2-TRICHLOROETHANE	UG/L		100U		1U		1U		2U
1,1-DICHLOROETHANE	UG/L		100U		1U		1U		2U
1,1-DICHLOROETHENE	UG/L		100U		1U		1U		2U
1,1-DICHLOROPROPENE	UG/L		100U		1U		1U		2U
1,2,3-TRICHLOROBENZENE	UG/L		100U		1U		1U		2U
1,2,3-TRICHLOROPROPANE	UG/L		100U		1U		1U		2U
1,2,4-TRICHLOROBENZENE	UG/L		100U		1U		1U		2U
1,2,4-TRIMETHYLBENZENE	UG/L		100U		1U		1U		2U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		100U		1U		1U		2U
1,2-DIBROMOETHANE	UG/L		100U		1U		1U		2U
1,2-DICHLOROBENZENE	UG/L		100U		1U		1U		2U
1,2-DICHLOROETHANE	UG/L		100U		.7J		1U		2U
1,2-DICHLOROPROPANE	UG/L		100U		1U		1U		2U
1,3,5-TRIMETHYLBENZENE	UG/L		100U		1U		1U		2U
1,3-DICHLOROBENZENE	UG/L		100U		1U		1U		2U
1,3-DICHLOROPROPANE	UG/L		100U		1U		1U		2U
1,4-DICHLOROBENZENE	UG/L		100U		1U		1U		2U
2,2-DICHLOROPROPANE	UG/L		100U		1U		1U		2U
2-CHLOROTOLUENE	UG/L		100U		1U		1U		2U
4-CHLOROTOLUENE	UG/L		100U		1U		1U		2U
BENZENE	UG/L		100U		1U		1U		2U
BROMOBENZENE	UG/L		100U		1U		1U		2U
BROMOCHLOROMETHANE	UG/L		100U		1U		1U		2U
BROMODICHLOROMETHANE	UG/L		100U		1U		1U		2U
BROMOFORM	UG/L		100U		1U		1U		2U
BROMOMETHANE	UG/L		100U		1U		1U		2U
CARBON TETRACHLORIDE	UG/L		100U		1U		1U		2U
CHLOROBENZENE	UG/L		100U		5=		2=		2U
CHLOROETHANE	UG/L		100U		1U		1U		2U
CHLOROFORM	UG/L		100U		1U		1U		2U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	6		60B		61A		62	
	SampleID	J6B03MY6N1WG		J60B08JL6N1WG		J61A22JL6N1WG		J6222JL6N1WG	
	SampleDate	03-MAY-96		08-JUL-96		22-JUL-96		22-JUL-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		100U		1U		1U		2U
cis-1,2-DICHLOROETHYLENE	UG/L		2000=		11=		2=		2U
DIBROMOCHLOROMETHANE	UG/L		100U		1U		1U		2U
DIBROMOMETHANE	UG/L		100U		1U		1U		2U
DICHLORODIFLUOROMETHANE	UG/L		100U		1U		1U		2U
ETHYLBENZENE	UG/L		100U		1U		1U		2U
HEXACHLOROBUTADIENE	UG/L		100U		1U		1U		2U
ISOPROPYLBENZENE	UG/L		100U		1U		1U		2U
M,P-XYLENE	UG/L		100U		1U		1U		2U
METHYLENE CHLORIDE	UG/L		81=		1U		1U		2U
NAPHTHALENE	UG/L		100U		1U		1U		2U
N-BUTYLBENZENE	UG/L		100U		1U		1U		2U
N-PROPYLBENZENE	UG/L		100U		1U		1U		2U
O-XYLENE	UG/L		100U		1U		1U		2U
P-ISOPROPYLTOLUENE	UG/L		100U		1U		1U		2U
SEC-BUTYLBENZENE	UG/L		100U		1U		1U		2U
STYRENE	UG/L		100U		1U		1U		2U
TERT-BUTYLBENZENE	UG/L		100U		1U		1U		2U
TETRACHLOROETHENE	UG/L		100U		1U		1U		61=
TOLUENE	UG/L		100U		1U		1U		2U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		100U		1U		1U		2U
TRICHLOROETHENE	UG/L		720=		4=		20=		3=
TRICHLOROFLUOROMETHANE	UG/L		100U		1U		1U		2U
VINYL CHLORIDE	UG/L		580=		1U		1U		2U

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	7		7		7		75B	
	SampleID	J703MY6N1WG		J719AG6N1WG		J7F19AG6N1WG		J75B01MY6N1WG	
	SampleDate	03-MAY-96		19-AUG-96		19-AUG-96		01-MAY-96	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		4=
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		5=
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	7		7		7		75B
	SampleID	J703MY6N1WG		J719AG6N1WG		J7F19AG6N1WG		J75B01MY6N1WG
	SampleDate	03-MAY-96		19-AUG-96		19-AUG-96		01-MAY-96
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
CHLOROMETHANE	UG/L		1U		1U		1U	1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U	25=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U	1U
DIBROMOMETHANE	UG/L		1U		1U		1U	1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U	1U
ETHYLBENZENE	UG/L		1U		1U		1U	1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U	1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U	1U
M,P-XYLENE	UG/L		1U		1U		1U	1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U	5=
NAPHTHALENE	UG/L		1U		1U		1U	1U
N-BUTYLBENZENE	UG/L		1U		1U		1U	1U
N-PROPYLBENZENE	UG/L		1U		1U		1U	1U
O-XYLENE	UG/L		1U		1U		1U	NA
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U	1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U	1U
STYRENE	UG/L		1U		1U		1U	1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U	NA
TETRACHLOROETHENE	UG/L		1U		1U		1U	1U
TOLUENE	UG/L		1U		1U		1U	1U
TOTAL XYLENES	UG/L		NA		NA		NA	1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U	1=
TRICHLOROETHENE	UG/L		2=		1U		1U	320=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U	1U
VINYL CHLORIDE	UG/L		1U		1U		1U	6=

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

		StationID	76A		77A		78A		79BR	
		SampleID	J76A01MY6N1WG		J77A23JL6N1WG		J78A08JL6N1WG		J79BR18JL6N1WG	
		SampleDate	01-MAY-96		23-JUL-96		08-JUL-96		18-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L			1U		1U		2U		10U
1,1,1-TRICHLOROETHANE	UG/L			1U		1U		2U		10U
1,1,2,2-TETRACHLOROETHANE	UG/L			1U		1U		2U		10U
1,1,2-TRICHLOROETHANE	UG/L			1U		1U		2U		10U
1,1-DICHLOROETHANE	UG/L			1U		1U		2U		10U
1,1-DICHLOROETHENE	UG/L			1U		1U		2U		10U
1,1-DICHLOROPROPENE	UG/L			1U		1U		2U		10U
1,2,3-TRICHLOROBENZENE	UG/L			1U		1U		2U		10U
1,2,3-TRICHLOROPROPANE	UG/L			1U		1U		2U		10U
1,2,4-TRICHLOROBENZENE	UG/L			1U		1U		2U		10U
1,2,4-TRIMETHYLBENZENE	UG/L			1U		1U		2U		10U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			1U		1U		2U		10U
1,2-DIBROMOETHANE	UG/L			1U		1U		2U		10U
1,2-DICHLOROBENZENE	UG/L			1U		1U		2U		10U
1,2-DICHLOROETHANE	UG/L			1U		1U		2U		8=
1,2-DICHLOROPROPANE	UG/L			1U		1U		2U		10U
1,3,5-TRIMETHYLBENZENE	UG/L			1U		1U		2U		10U
1,3-DICHLOROBENZENE	UG/L			2=		1U		2U		10U
1,3-DICHLOROPROPANE	UG/L			1U		1U		2U		10U
1,4-DICHLOROBENZENE	UG/L			1U		1U		2U		10U
2,2-DICHLOROPROPANE	UG/L			1U		1U		2U		10U
2-CHLOROTOLUENE	UG/L			1U		1U		2U		10U
4-CHLOROTOLUENE	UG/L			1U		1U		2U		10U
BENZENE	UG/L			1U		1U		2U		10U
BROMOBENZENE	UG/L			1U		1U		2U		10U
BROMOCHLOROMETHANE	UG/L			1U		1U		2U		10U
BROMODICHLOROMETHANE	UG/L			1U		1U		2U		10U
BROMOFORM	UG/L			1U		1U		2U		10U
BROMOMETHANE	UG/L			1U		1U		2U		10U
CARBON TETRACHLORIDE	UG/L			1U		1U		2U		10U
CHLOROBENZENE	UG/L			3=		1U		2U		12=
CHLOROETHANE	UG/L			1U		1U		2U		10U
CHLOROFORM	UG/L			1U		1U		2U		10U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID		76A		77A		78A		79BR	
		SampleID		J76A01MY6N1WG		J77A23JL6N1WG		J78A08JL6N1WG		J79BR18JL6N1WG	
		SampleDate		01-MAY-96		23-JUL-96		08-JUL-96		18-JUL-96	
		Aquifer Zone		USZ		USZ		USZ		USZ	
CHLOROMETHANE	UG/L			1U		1U		2U		10U	
cis-1,2-DICHLOROETHYLENE	UG/L			2=		1U		3=		31=	
DIBROMOCHLOROMETHANE	UG/L			1U		1U		2U		10U	
DIBROMOMETHANE	UG/L			1U		1U		2U		10U	
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		2U		10U	
ETHYLBENZENE	UG/L			1U		1U		2U		10U	
HEXACHLOROBUTADIENE	UG/L			1U		1U		2U		10U	
ISOPROPYLBENZENE	UG/L			1U		1U		2U		10U	
M,P-XYLENE	UG/L			1U		1U		2U		10U	
METHYLENE CHLORIDE	UG/L			1U		1U		6=		10U	
NAPHTHALENE	UG/L			1U		1U		2U		10U	
N-BUTYLBENZENE	UG/L			1U		1U		2U		10U	
N-PROPYLBENZENE	UG/L			1U		1U		2U		10U	
O-XYLENE	UG/L			NA		1U		2U		10U	
P-ISOPROPYLTOLUENE	UG/L			1U		1U		2U		10U	
SEC-BUTYLBENZENE	UG/L			1U		1U		2U		10U	
STYRENE	UG/L			1U		1U		2U		10U	
TERT-BUTYLBENZENE	UG/L			NA		1U		2U		10U	
TETRACHLOROETHENE	UG/L			1U		1U		2U		10U	
TOLUENE	UG/L			1U		1U		2U		10U	
TOTAL XYLENES	UG/L			1U		NA		NA		NA	
TRANS-1,2-DICHLOROETHENE	UG/L			1U		1U		2U		10U	
TRICHLOROETHENE	UG/L			1U		1U		59=		NA	
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		2U		10U	
VINYL CHLORIDE	UG/L			2=		1U		2U		10U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	79BR		83BR		84B		85C	
		SampleID	J79BR18JL6N9WG		J83BR01MY6N1WG		J84B10JL6N1WG		J85C19JL6N1WG	
		SampleDate	18-JUL-96		01-MAY-96		10-JUL-96		19-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
1,1,1,2-TETRACHLOROETHANE	UG/L		NA		1U		5U		1U	
1,1,1-TRICHLOROETHANE	UG/L		NA		1U		5U		1U	
1,1,2,2-TETRACHLOROETHANE	UG/L		NA		1U		5U		1U	
1,1,2-TRICHLOROETHANE	UG/L		NA		1U		5U		1U	
1,1-DICHLOROETHANE	UG/L		NA		1U		5U		1U	
1,1-DICHLOROETHENE	UG/L		NA		1U		5U		2=	
1,1-DICHLOROPROPENE	UG/L		NA		1U		5U		1U	
1,2,3-TRICHLOROBENZENE	UG/L		NA		1U		5U		1U	
1,2,3-TRICHLOROPROPANE	UG/L		NA		1U		5U		1U	
1,2,4-TRICHLOROBENZENE	UG/L		NA		1U		5U		1U	
1,2,4-TRIMETHYLBENZENE	UG/L		NA		1U		5U		1U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		NA		1U		5U		1U	
1,2-DIBROMOETHANE	UG/L		NA		1U		5U		1U	
1,2-DICHLOROBENZENE	UG/L		NA		1U		5U		1U	
1,2-DICHLOROETHANE	UG/L		NA		1U		5U		1U	
1,2-DICHLOROPROPANE	UG/L		NA		1U		5U		1U	
1,3,5-TRIMETHYLBENZENE	UG/L		NA		1U		5U		1U	
1,3-DICHLOROBENZENE	UG/L		NA		1U		5U		1U	
1,3-DICHLOROPROPANE	UG/L		NA		1U		5U		1U	
1,4-DICHLOROBENZENE	UG/L		NA		2=		5U		1U	
2,2-DICHLOROPROPANE	UG/L		NA		1U		5U		1U	
2-CHLOROTOLUENE	UG/L		NA		1U		5U		1U	
4-CHLOROTOLUENE	UG/L		NA		1U		5U		1U	
BENZENE	UG/L		NA		1U		5U		1U	
BROMOBENZENE	UG/L		NA		1U		5U		1U	
BROMOCHLOROMETHANE	UG/L		NA		1U		5U		1U	
BROMODICHLOROMETHANE	UG/L		NA		1U		5U		1U	
BROMOFORM	UG/L		NA		1U		5U		1U	
BROMOMETHANE	UG/L		NA		1U		5U		1U	
CARBON TETRACHLORIDE	UG/L		NA		1U		5U		1U	
CHLOROBENZENE	UG/L		NA		1=		5U		1U	
CHLOROETHANE	UG/L		NA		1U		5U		1U	
CHLOROFORM	UG/L		NA		1U		5U		1U	

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	79BR		83BR		84B		85C	
		SampleID	J79BR18JL6N9WG		J83BR01MY6N1WG		J84B10JL6N1WG		J85C19JL6N1WG	
		SampleDate	18-JUL-96		01-MAY-96		10-JUL-96		19-JUL-96	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
CHLOROMETHANE	UG/L		NA		1U		5U		1U	
cis-1,2-DICHLOROETHYLENE	UG/L		NA		6=		5U		9=	
DIBROMOCHLOROMETHANE	UG/L		NA		1U		5U		1U	
DIBROMOMETHANE	UG/L		NA		1U		5U		1U	
DICHLORODIFLUOROMETHANE	UG/L		NA		1U		5U		7=	
ETHYLBENZENE	UG/L		NA		1U		5U		1U	
HEXACHLOROBUTADIENE	UG/L		NA		1U		5U		1U	
ISOPROPYLBENZENE	UG/L		NA		1U		5U		1U	
M,P-XYLENE	UG/L		NA		1U		5U		1U	
METHYLENE CHLORIDE	UG/L		NA		4=		5U		1U	
NAPHTHALENE	UG/L		NA		1U		5U		1U	
N-BUTYLBENZENE	UG/L		NA		1U		5U		1U	
N-PROPYLBENZENE	UG/L		NA		1U		5U		1U	
O-XYLENE	UG/L		NA		NA		5U		1U	
P-ISOPROPYLTOLUENE	UG/L		NA		1U		5U		1U	
SEC-BUTYLBENZENE	UG/L		NA		1U		5U		1U	
STYRENE	UG/L		NA		1U		5U		1U	
TERT-BUTYLBENZENE	UG/L		NA		NA		5U		1U	
TETRACHLOROETHENE	UG/L		NA		1U		5U		.8J	
TOLUENE	UG/L		NA		1U		5U		1U	
TOTAL XYLENES	UG/L		NA		1U		NA		NA	
TRANS-1,2-DICHLOROETHENE	UG/L		NA		1U		5U		1U	
TRICHLOROETHENE	UG/L		2700=		240=		160J		NA	
TRICHLOROFLUOROMETHANE	UG/L		NA		1U		5U		1U	
VINYL CHLORIDE	UG/L		NA		1J		5U		1U	

NA = Not Analyzed

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

		StationID	85C		86B		9A	
		SampleID	J85C19JL6N9WG		J86B10JL6N1WG		J9A02JL6N1WG	
		SampleDate	19-JUL-96		10-JUL-96		02-JUL-96	
		Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**							
1,1,1,2-TETRACHLOROETHANE	UG/L			NA		1U		1U
1,1,1-TRICHLOROETHANE	UG/L			NA		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L			NA		1U		1U
1,1,2-TRICHLOROETHANE	UG/L			NA		1U		1U
1,1-DICHLOROETHANE	UG/L			NA		1U		1U
1,1-DICHLOROETHENE	UG/L			NA		1U		1U
1,1-DICHLOROPROPENE	UG/L			NA		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L			NA		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L			NA		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L			NA		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L			NA		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L			NA		1U		1U
1,2-DIBROMOETHANE	UG/L			NA		1U		1U
1,2-DICHLOROBENZENE	UG/L			NA		1U		1U
1,2-DICHLOROETHANE	UG/L			NA		1U		1U
1,2-DICHLOROPROPANE	UG/L			NA		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L			NA		1U		1U
1,3-DICHLOROBENZENE	UG/L			NA		1U		1U
1,3-DICHLOROPROPANE	UG/L			NA		1U		1U
1,4-DICHLOROBENZENE	UG/L			NA		1U		1U
2,2-DICHLOROPROPANE	UG/L			NA		1U		1U
2-CHLOROTOLUENE	UG/L			NA		1U		1U
4-CHLOROTOLUENE	UG/L			NA		1U		1U
BENZENE	UG/L			NA		1U		1U
BROMOBENZENE	UG/L			NA		1U		1U
BROMOCHLOROMETHANE	UG/L			NA		1U		1U
BROMODICHLOROMETHANE	UG/L			NA		1U		1U
BROMOFORM	UG/L			NA		1U		1U
BROMOMETHANE	UG/L			NA		1U		1U
CARBON TETRACHLORIDE	UG/L			NA		1U		1U
CHLOROBENZENE	UG/L			NA		2=		1U
CHLOROETHANE	UG/L			NA		1U		1U
CHLOROFORM	UG/L			NA		1U		1U

Table A.6

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	85C		86B		9A	
	SampleID	J85C19JL6N9WG		J86B10JL6N1WG		J9A02JL6N1WG	
	SampleDate	19-JUL-96		10-JUL-96		02-JUL-96	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
CHLOROMETHANE	UG/L		NA		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		NA		5=		2=
DIBROMOCHLOROMETHANE	UG/L		NA		1U		1U
DIBROMOMETHANE	UG/L		NA		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		NA		1U		1U
ETHYLBENZENE	UG/L		NA		1U		1U
HEXACHLOROBUTADIENE	UG/L		NA		1U		1U
ISOPROPYLBENZENE	UG/L		NA		1U		1U
M,P-XYLENE	UG/L		NA		1U		1U
METHYLENE CHLORIDE	UG/L		NA		1U		1U
NAPHTHALENE	UG/L		NA		1U		1U
N-BUTYLBENZENE	UG/L		NA		1U		1U
N-PROPYLBENZENE	UG/L		NA		1U		1U
O-XYLENE	UG/L		NA		1U		1U
P-ISOPROPYLTOLUENE	UG/L		NA		1U		1U
SEC-BUTYLBENZENE	UG/L		NA		1U		1U
STYRENE	UG/L		NA		1U		1U
TERT-BUTYLBENZENE	UG/L		NA		1U		1U
TETRACHLOROETHENE	UG/L		NA		1U		1U
TOLUENE	UG/L		NA		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		NA		2=		1U
TRICHLOROETHENE	UG/L		180=		1U		2=
TRICHLOROFLUOROMETHANE	UG/L		NA		1U		1U
VINYL CHLORIDE	UG/L		NA		4=		1U

NA = Not Analyzed

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1-65C		1-65C	
	SampleID	J11B01MY6N1WG		J13A02MY6N1WG		J1-65C10AR6N1WG		J1-65C11JN6N1WG	
	SampleDate	01-MAY-96		02-MAY-96		10-APR-96		11-JUN-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1-65C		1-65C	
	SampleID	J11B01MY6N1WG		J13A02MY6N1WG		J1-65C10AR6N1WG		J1-65C11JN6N1WG	
	SampleDate	01-MAY-96		02-MAY-96		10-APR-96		11-JUN-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		4=		12=		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		NA		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		NA		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		1U		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-65C		1-65C		1-66A		1-66A	
	SampleID	J1-65C24SP6N1WG		J1-65C10DC6N1WG		J1-66A10AR6N1WG		J1-66A10DC6N1WG	
	SampleDate	24-SEP-96		10-DEC-96		10-APR-96		10-DEC-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-65C		1-65C		1-66A		1-66A	
	SampleID	J1-65C24SP6N1WG		J1-65C10DC6N1WG		J1-66A10AR6N1WG		J1-66A10DC6N1WG	
	SampleDate	24-SEP-96		10-DEC-96		10-APR-96		10-DEC-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		4=		.8J		3=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		.8J		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		12=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66A		1-66A		1-66C	
	SampleID	J1-66A11JN6N1WG		J1-66A24SP6N1WG		J1-66AF10DC6N1WG		J1-66C10AR6N1WG	
	SampleDate	11-JUN-96		24-SEP-96		10-DEC-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66A		1-66A		1-66C	
	SampleID	J1-66A11JN6N1WG		J1-66A24SP6N1WG		J1-66AF10DC6N1WG		J1-66C10AR6N1WG	
	SampleDate	11-JUN-96		24-SEP-96		10-DEC-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-66C		1-66C		1-66C	
	SampleID	J1-66C10DC6N1WG		J1-66C11JN6N1WG		J1-66C24SP6N1WG		J1-66CF10DC6N1WG	
	SampleDate	10-DEC-96		11-JUN-96		24-SEP-96		10-DEC-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-66C		1-66C		1-66C	
	SampleID	J1-66C10DC6N1WG		J1-66C11JN6N1WG		J1-66C24SP6N1WG		J1-66CF10DC6N1WG	
	SampleDate	10-DEC-96		11-JUN-96		24-SEP-96		10-DEC-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		3=		1U		2=		2=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		.5J		1U		.8J		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67A		1-67A		1-67A		1-67A	
	SampleID	J1-67A F09SP6N1WG		J1-67A09DC6N1WG		J1-67A09SP6N1WG		J1-67A10AR6N1WG	
	SampleDate	09-SEP-96		09-DEC-96		09-SEP-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67A		1-67A		1-67A		1-67A	
	SampleID	J1-67A F09SP6N1WG		J1-67A09DC6N1WG		J1-67A09SP6N1WG		J1-67A10AR6N1WG	
	SampleDate	09-SEP-96		09-DEC-96		09-SEP-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		.6J		1U		4=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67A		1-67C		1-67C		1-67C	
	SampleID	J1-67A11JN6N1WG		J1-67C09DC6N1WG		J1-67C09SP6N1WG		J1-67C10AR6N1WG	
	SampleDate	11-JUN-96		09-DEC-96		09-SEP-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67A		1-67C		1-67C		1-67C	
	SampleID	J1-67A11JN6N1WG		J1-67C09DC6N1WG		J1-67C09SP6N1WG		J1-67C10AR6N1WG	
	SampleDate	11-JUN-96		09-DEC-96		09-SEP-96		10-APR-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		.7J		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A	
	SampleID	J1-67C11JN6N1WG		J1C02JL6N1WG		J2-106A01MY6N1WG		J2-111A01MY6N1WG	
	SampleDate	11-JUN-96		02-JUL-96		01-MAY-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A	
	SampleID	J1-67C11JN6N1WG		J1C02JL6N1WG		J2-106A01MY6N1WG		J2-111A01MY6N1WG	
	SampleDate	11-JUN-96		02-JUL-96		01-MAY-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		4=		3=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-112A		2-113A		2-114A		2-115A	
	SampleID	J2-112A02MY6N1WG		J2-113A02MY6N1WG		J2-114A02MY6N1WG		J2-115A02MY6N1WG	
	SampleDate	02-MAY-96		02-MAY-96		02-MAY-96		02-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-112A		2-113A		2-114A		2-115A	
	SampleID	J2-112A02MY6N1WG		J2-113A02MY6N1WG		J2-114A02MY6N1WG		J2-115A02MY6N1WG	
	SampleDate	02-MAY-96		02-MAY-96		02-MAY-96		02-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		2=		2=		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		4=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-12		2-122C		2-123C		2-124C	
	SampleID	J2-1219JL6N1WG		J2-122C19JL6N1WG		J2-123C22JL6N1WG		J2-124C15JL6N1WG	
	SampleDate	19-JUL-96		19-JUL-96		22-JUL-96		15-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		.8J		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-12		2-122C		2-123C		2-124C	
	SampleID	J2-1219JL6N1WG		J2-122C19JL6N1WG		J2-123C22JL6N1WG		J2-124C15JL6N1WG	
	SampleDate	19-JUL-96		19-JUL-96		22-JUL-96		15-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		2=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C	
	SampleID	J2-124D15JL6N1WG		J2-125C22JL6N1WG		J2-126C15JL6N1WG		J2-127C18JL6N1WG	
	SampleDate	15-JUL-96		22-JUL-96		15-JUL-96		18-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C	
	SampleID	J2-124D15JL6N1WG		J2-125C22JL6N1WG		J2-126C15JL6N1WG		J2-127C18JL6N1WG	
	SampleDate	15-JUL-96		22-JUL-96		15-JUL-96		18-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		3=		1U		3=		.8J
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-128C		2-129C		2-13		2-130C	
	SampleID	J2-128C02JL6N1WG		J2-129C02JL6N1WG		J2-1326JL6N1WG		J2-130C03JL6N1WG	
	SampleDate	02-JUL-96		02-JUL-96		26-JUL-96		03-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		4=		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		3=		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-128C		2-129C		2-13		2-130C	
	SampleID	J2-128C02JL6N1WG		J2-129C02JL6N1WG		J2-1326JL6N1WG		J2-130C03JL6N1WG	
	SampleDate	02-JUL-96		02-JUL-96		26-JUL-96		03-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		.8J
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		.3J
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		.8J		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131C		2-132C		2-133C		2-134A	
	SampleID	J2-131C03JL6N1WG		J2-132C03JL6N1WG		J2-133C19JL6N1WG		J2-134A01MY6N1WG	
	SampleDate	03-JUL-96		03-JUL-96		19-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		.6J		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		200=
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		3=
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		140=
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		300=

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131C		2-132C		2-133C		2-134A	
	SampleID	J2-131C03JL6N1WG		J2-132C03JL6N1WG		J2-133C19JL6N1WG		J2-134A01MY6N1WG	
	SampleDate	03-JUL-96		03-JUL-96		19-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		7=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		.6J		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		NA
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		NA
TETRACHLOROETHENE	UG/L		1U		1U		1U		2=
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		25=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-136A		2-137A		2-137C	
	SampleID	J2-135A15JL6N1WG		J2-136A26JL6N1WG		J2-137A20AG6N1WG		J2-137C20AG6N1WG	
	SampleDate	15-JUL-96		26-JUL-96		20-AUG-96		20-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		17U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		17U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		17U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		17U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		17U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		17U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		17U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		17U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		17U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		17U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		17U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		17U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		17U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		17U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		350=		3=		1U		1U
1,2-DICHLOROPROPANE	UG/L		17U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		17U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		17U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		17U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		17U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		17U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		17U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		17U		1U		1U		1U
BENZENE	UG/L		17U		1U		1U		.9J
BROMOBENZENE	UG/L		17U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		17U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		17U		1U		1U		1U
BROMOFORM	UG/L		17U		1U		1U		1U
BROMOMETHANE	UG/L		17U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		86=		1U		1U		1U
CHLOROBENZENE	UG/L		17U		1U		1U		1U
CHLOROETHANE	UG/L		17U		1U		1U		1U
CHLOROFORM	UG/L		320=		2=		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-136A		2-137A		2-137C	
	SampleID	J2-135A15JL6N1WG		J2-136A26JL6N1WG		J2-137A20AG6N1WG		J2-137C20AG6N1WG	
	SampleDate	15-JUL-96		26-JUL-96		20-AUG-96		20-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		17U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		17U		8=		1U		1U
DIBROMOCHLOROMETHANE	UG/L		17U		1U		1U		1U
DIBROMOMETHANE	UG/L		17U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		17U		1U		1U		1U
ETHYLBENZENE	UG/L		17U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		17U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		17U		1U		1U		1U
M,P-XYLENE	UG/L		17U		1U		1U		.9J
METHYLENE CHLORIDE	UG/L		56=		1U		3=		1U
NAPHTHALENE	UG/L		17U		1U		1U		1U
N-BUTYLBENZENE	UG/L		17U		1U		1U		1U
N-PROPYLBENZENE	UG/L		17U		1U		1U		1U
O-XYLENE	UG/L		17U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		17U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		17U		1U		1U		1U
STYRENE	UG/L		17U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		17U		1U		1U		1U
TETRACHLOROETHENE	UG/L		17U		1U		1U		1U
TOLUENE	UG/L		17U		1U		1U		2=
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		17U		1U		1U		1U
TRICHLOROETHENE	UG/L		26=		5=		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		17U		1U		1U		1U
VINYL CHLORIDE	UG/L		17U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137C		2-138A		2-138A		2-139A	
	SampleID	J2-137CF20AG6N1WG		J2-138A15AG6N1WG		J2-138AF15AG6N1WG		J2-139A01JL6N1WG	
	SampleDate	20-AUG-96		15-AUG-96		15-AUG-96		01-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137C		2-138A		2-138A		2-139A	
	SampleID	J2-137CF20AG6N1WG		J2-138A15AG6N1WG		J2-138AF15AG6N1WG		J2-139A01JL6N1WG	
	SampleDate	20-AUG-96		15-AUG-96		15-AUG-96		01-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		2=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-141A		2-142A		2-143A		2-143C	
	SampleID	J2-141A01JL6N1WG		J2-142A01JL6N1WG		J2-143A01AG6N1WG		J2-143C01AG6N1WG	
	SampleDate	01-JUL-96		01-JUL-96		01-AUG-96		01-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-141A		2-142A		2-143A		2-143C	
	SampleID	J2-141A01JL6N1WG		J2-142A01JL6N1WG		J2-143A01AG6N1WG		J2-143C01AG6N1WG	
	SampleDate	01-JUL-96		01-JUL-96		01-AUG-96		01-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		6=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144A		2-147C		2-19A		2-20A	
	SampleID	J2-144A02AG6N1WG		J2-147C08MY6N1WG		J2-19A22JL6N1WG		J2-20A22JL6N1WG	
	SampleDate	02-AUG-96		08-MAY-96		22-JUL-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		10U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		10U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		10U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		10U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		10U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		10U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		10U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		10U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		10U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		10U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		10U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		10U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		10U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		10U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		13=		1U		1U		7=
1,2-DICHLOROPROPANE	UG/L		10U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		10U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		10U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		10U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		10U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		10U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		10U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		10U		1U		1U		1U
BENZENE	UG/L		10U		1U		1U		1U
BROMOBENZENE	UG/L		10U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		10U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		10U		1U		1U		1U
BROMOFORM	UG/L		10U		1U		1U		1U
BROMOMETHANE	UG/L		10U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		10U		1U		1U		1U
CHLOROBENZENE	UG/L		10U		1U		1U		1U
CHLOROETHANE	UG/L		10U		1U		1U		1U
CHLOROFORM	UG/L		17=		1U		1U		.8J

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144A		2-147C		2-19A		2-20A	
	SampleID	J2-144A02AG6N1WG		J2-147C08MY6N1WG		J2-19A22JL6N1WG		J2-20A22JL6N1WG	
	SampleDate	02-AUG-96		08-MAY-96		22-JUL-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		10U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		10U		1U		1U		8=
DIBROMOCHLOROMETHANE	UG/L		10U		1U		1U		1U
DIBROMOMETHANE	UG/L		10U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		10U		1U		1U		1U
ETHYLBENZENE	UG/L		10U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		10U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		10U		1U		1U		1U
M,P-XYLENE	UG/L		10U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		10U		4=		1U		4=
NAPHTHALENE	UG/L		10U		1U		1U		1U
N-BUTYLBENZENE	UG/L		10U		1U		1U		1U
N-PROPYLBENZENE	UG/L		10U		1U		1U		1U
O-XYLENE	UG/L		10U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		10U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		10U		1U		1U		1U
STYRENE	UG/L		10U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		10U		1U		1U		1U
TETRACHLOROETHENE	UG/L		10U		1U		1U		1U
TOLUENE	UG/L		10U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		10U		1U		1U		1U
TRICHLOROETHENE	UG/L		180=		1U		1U		40=
TRICHLOROFLUOROMETHANE	UG/L		10U		1U		1U		1U
VINYL CHLORIDE	UG/L		10U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-217C		2-21A		2-22		2-62A	
	SampleID	J2-217C26JL6N1WG		J2-21A03MY6N1WG		J2-2219JL6N1WG		J2-62A24JL6N1WG	
	SampleDate	26-JUL-96		03-MAY-96		19-JUL-96		24-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-217C		2-21A		2-22		2-62A	
	SampleID	J2-217C26JL6N1WG		J2-21A03MY6N1WG		J2-2219JL6N1WG		J2-62A24JL6N1WG	
	SampleDate	26-JUL-96		03-MAY-96		19-JUL-96		24-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		2=		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		2=		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-63A		2-64A		2-65A		2C	
	SampleID	J2-63A24JL6N1WG		J2-64A24JL6N1WG		J2-65A24JL6N1WG		J2C18JL6N1WG	
	SampleDate	24-JUL-96		24-JUL-96		24-JUL-96		18-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-63A		2-64A		2-65A		2C	
	SampleID	J2-63A24JL6N1WG		J2-64A24JL6N1WG		J2-65A24JL6N1WG		J2C18JL6N1WG	
	SampleDate	24-JUL-96		24-JUL-96		24-JUL-96		18-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		.8J
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		.8J		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	3B		41C		41D		41D	
	SampleID	J3B26JL6N1WG		J41C16AG6N1WG		J41D16AG6N1WG		J41DF16AG6N1WG	
	SampleDate	26-JUL-96		16-AUG-96		16-AUG-96		16-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		2=		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	3B		41C		41D		41D	
	SampleID	J3B26JL6N1WG		J41C16AG6N1WG		J41D16AG6N1WG		J41DF16AG6N1WG	
	SampleDate	26-JUL-96		16-AUG-96		16-AUG-96		16-AUG-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		2=		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		2=		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	42C		43C		45CR		45DR	
	SampleID	J42C13AG6N1WG		J43C23JL6N1WG		J45CR12JL6N1WG		J45DR12JL6N1WG	
	SampleDate	13-AUG-96		23-JUL-96		12-JUL-96		12-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42C		43C		45CR		45DR	
	SampleID	J42C13AG6N1WG		J43C23JL6N1WG		J45CR12JL6N1WG		J45DR12JL6N1WG	
	SampleDate	13-AUG-96		23-JUL-96		12-JUL-96		12-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		3=		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45DR		46C		47C		4C	
	SampleID	J45DR12JL6N9WG		J46C12JL6N1WG		J47C12JL6N1WG		J4C01MY6N1WG	
	SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45DR		46C		47C		4C	
	SampleID	J45DR12JL6N9WG		J46C12JL6N1WG		J47C12JL6N1WG		J4C01MY6N1WG	
	SampleDate	12-JUL-96		12-JUL-96		12-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		NA
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		NA
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR		5B		60C		61B	
	SampleID	J59AR05JL6N1WG		J5B05JL6N1WG		J60C08JL6N1WG		J61B22JL6N1WG	
	SampleDate	05-JUL-96		05-JUL-96		08-JUL-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR		5B		60C		61B	
	SampleID	J59AR05JL6N1WG		J5B05JL6N1WG		J60C08JL6N1WG		J61B22JL6N1WG	
	SampleDate	05-JUL-96		05-JUL-96		08-JUL-96		22-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		3=		1U		.7J		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		7=		10=		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		3=		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	6A		76B		76D		77C	
	SampleID	J6A03MY6N1WG		J76B01MY6N1WG		J76D01MY6N1WG		J77C23JL6N1WG	
	SampleDate	03-MAY-96		01-MAY-96		01-MAY-96		23-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		0.90J		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		2=		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		2=		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	6A		76B		76D		77C	
	SampleID	J6A03MY6N1WG		J76B01MY6N1WG		J76D01MY6N1WG		J77C23JL6N1WG	
	SampleDate	03-MAY-96		01-MAY-96		01-MAY-96		23-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		8=		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		.9J		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		NA		NA		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		NA		NA		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		1U		1U		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		5=		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	77D		78B		79C		83C	
	SampleID	J77D23JL6N1WG		J78B08JL6N9WG		J79C18JL6N1WG		J83C01MY6N1WG	
	SampleDate	23-JUL-96		08-JUL-96		18-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	77D		78B		79C		83C	
	SampleID	J77D23JL6N1WG		J78B08JL6N9WG		J79C18JL6N1WG		J83C01MY6N1WG	
	SampleDate	23-JUL-96		08-JUL-96		18-JUL-96		01-MAY-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		NA
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		NA
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996

Tinker AFB, Oklahoma City, Oklahoma

	StationID	84C		85B		86C		9C	
	SampleID	J84C10JL6N1WG		J85B19JL6N1WG		J86C10JL6N1WG		J9C02JL6N1WG	
	SampleDate	10-JUL-96		19-JUL-96		10-JUL-96		02-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		.8J		1U

Table A.7

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84C		85B		86C		9C	
	SampleID	J84C10JL6N1WG		J85B19JL6N1WG		J86C10JL6N1WG		J9C02JL6N1WG	
	SampleDate	10-JUL-96		19-JUL-96		10-JUL-96		02-JUL-96	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		.8J
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		1U		2=		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA=Not Applicable

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		10D		13C		2-106C	
	SampleID	J10D01MY6N1WG		J10D15JL6N1WG		J13C02MY6N1WG		J2-106C01MY6N1WG	
	SampleDate	01-MAY-96		15-JUL-96		02-MAY-96		01-MAY-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	10D		10D		13C		2-106C	
		SampleID	J10D01MY6N1WG		J10D15JL6N1WG		J13C02MY6N1WG		J2-106C01MY6N1WG	
		SampleDate	01-MAY-96		15-JUL-96		02-MAY-96		01-MAY-96	
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
CHLOROMETHANE	UG/L			1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
DIBROMOMETHANE	UG/L			1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		1U		1U
ETHYLBENZENE	UG/L			1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L			1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L			1U		1U		1U		1U
M,P-XYLENE	UG/L			1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L			1U		2=		14=		3=
NAPHTHALENE	UG/L			1U		1U		1U		1U
N-BUTYLBENZENE	UG/L			1U		1U		1U		1U
N-PROPYLBENZENE	UG/L			1U		1U		1U		1U
O-XYLENE	UG/L			NA		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L			1U		1U		1U		1U
STYRENE	UG/L			1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L			NA		1U		1U		1U
TETRACHLOROETHENE	UG/L			1U		1U		1U		1U
TOLUENE	UG/L			1U		1U		1U		1U
TOTAL XYLENES	UG/L			1U		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		1U		1U
VINYL CHLORIDE	UG/L			1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111C		2-131D		2-132D		2-133D	
	SampleID	J2-111C01MY6N1WG		J2-131D03JL6N9WG		J2-132D03JL6N1WG		J2-133D19JL6N1WG	
	SampleDate	01-MAY-96		03-JUL-96		03-JUL-96		19-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111C		2-131D		2-132D		2-133D	
	SampleID	J2-111C01MY6N1WG		J2-131D03JL6N9WG		J2-132D03JL6N1WG		J2-133D19JL6N1WG	
	SampleDate	01-MAY-96		03-JUL-96		03-JUL-96		19-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138C		2-139C		2-140C		2-141C	
	SampleID	J2-138C15AG6N1WG		J2-139C01JL6N1WG		J2-140C15AG6N1WG		J2-141C01JL6N1WG	
	SampleDate	15-AUG-96		01-JUL-96		15-AUG-96		01-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138C		2-139C		2-140C		2-141C	
	SampleID	J2-138C15AG6N1WG		J2-139C01JL6N1WG		J2-140C15AG6N1WG		J2-141C01JL6N1WG	
	SampleDate	15-AUG-96		01-JUL-96		15-AUG-96		01-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		.8J		2=		1U		2=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		.8J
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D	
	SampleID	J2-142C01JL6N1WG		J2-147D08MY6N1WG		J2-21C03MY6N1WG		J42D13AG6N1WG	
	SampleDate	01-JUL-96		08-MAY-96		03-MAY-96		13-AUG-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D	
	SampleID	J2-142C01JL6N1WG		J2-147D08MY6N1WG		J2-21C03MY6N1WG		J42D13AG6N1WG	
	SampleDate	01-JUL-96		08-MAY-96		03-MAY-96		13-AUG-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
CHLOROMETHANE	UG/L		1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		5=		.9J		2=
NAPHTHALENE	UG/L		1U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42D		43D		46D		47D	
	SampleID	J42DF13AG6N1WG		J43D23JL6N1WG		J46D12JL6N1WG		J47D12JL6N1WG	
	SampleDate	13-AUG-96		23-JUL-96		12-JUL-96		12-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
BENZENE	UG/L		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	42D		43D		46D		47D	
		SampleID	J42DF13AG6N1WG		J43D23JL6N1WG		J46D12JL6N1WG		J47D12JL6N1WG	
		SampleDate	13-AUG-96		23-JUL-96		12-JUL-96		12-JUL-96	
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
CHLOROMETHANE	UG/L			1U		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L			1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L			1U		1U		1U		1U
DIBROMOMETHANE	UG/L			1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L			1U		1U		1U		1U
ETHYLBENZENE	UG/L			1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L			1U		1U		1U		.9J
ISOPROPYLBENZENE	UG/L			1U		1U		1U		1U
M,P-XYLENE	UG/L			1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L			3=		1U		1U		1U
NAPHTHALENE	UG/L			1U		1U		1U		1U
N-BUTYLBENZENE	UG/L			1U		1U		1U		1U
N-PROPYLBENZENE	UG/L			1U		1U		1U		1U
O-XYLENE	UG/L			1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L			1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L			1U		1U		1U		1U
STYRENE	UG/L			1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L			1U		1U		1U		1U
TETRACHLOROETHENE	UG/L			1U		1U		1U		1U
TOLUENE	UG/L			1U		1U		1U		1U
TOTAL XYLENES	UG/L			NA		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROETHENE	UG/L			1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L			1U		1U		1U		1U
VINYL CHLORIDE	UG/L			1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8
Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58C		59D		60D	
	SampleID	J58C03MY6N1WG		J59D05JL6N1WG		J60D08JL6N1WG	
	SampleDate	03-MAY-96		05-JUL-96		08-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U
BENZENE	UG/L		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58C		59D		60D	
	SampleID	J58C03MY6N1WG		J59D05JL6N1WG		J60D08JL6N1WG	
	SampleDate	03-MAY-96		05-JUL-96		08-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
CHLOROMETHANE	UG/L		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		10=		1U
NAPHTHALENE	UG/L		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U
STYRENE	UG/L		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		.8J		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U

NA = NOT ANALYZED

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	79D		84D		85D	
	SampleID	J79D18JL6N1WG		J84D10JL6N1WG		J85D19JL6N1WG	
	SampleDate	18-JUL-96		10-JUL-96		19-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U
2-CHLOROTOLUENE	UG/L		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U
BENZENE	UG/L		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U

TABLE A.8

Analytical Data Summary VOCs in the LLSZ Aquifer for 1996
Tinker AFB, Oklahoma City, Oklahoma

	StationID	79D		84D		85D	
	SampleID	J79D18JL6N1WG		J84D10JL6N1WG		J85D19JL6N1WG	
	SampleDate	18-JUL-96		10-JUL-96		19-JUL-96	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
CHLOROMETHANE	UG/L		1U		1U		1U
cis-1,2-DICHLOROETHYLENE	UG/L		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		3=		1U
NAPHTHALENE	UG/L		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U
STYRENE	UG/L		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U
TOTAL XYLENES	UG/L		NA		NA		NA
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U

NA = NOT ANALYZED

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	10B	10E	11C	1B	2-123B	2-129B	2-130B
		SampleNumber	UT2411	UT2414	UT2387	UT2322	UT2492	UT2297	UT2300
		SampleDate	22-SEP-97	22-SEP-97	18-SEP-97	12-SEP-97	30-SEP-97	10-SEP-97	10-SEP-97
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
1,1,1,2-TETRACHLOROETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,1,1-TRICHLOROETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,1-DICHLOROETHANE	UG/L		1U	1U	1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	UG/L		1U	1U	1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U	1U	1U	1.0U	1.0U	1.0U	1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U	1U	1U	1U	1U	1.0U	1.0U
1,2,4-TRICHLOROBENZENE	UG/L		1U	1U	1U	1.0U	1.0U	1.0U	1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U	1U	1U	1U	1.0U	1U	1U
1,2-DIBROMOETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,2-DICHLOROPROPANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U	1U	1U	1U	1.0U	1U	1U
1,3-DICHLOROBENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,3-DICHLOROPROPANE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
1,4-DICHLOROBENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
2,2-DICHLOROPROPANE	UG/L		1U	1U	1U	1U	1U	1.0U	1.0U
2-BUTANONE	UG/L		5U	5U	5U	5U	5U	5U	5U
2-CHLOROTOLUENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
4-CHLOROTOLUENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
ACETONE	UG/L		5U	5U	5U	5U	5U	5UJ	5UJ
BENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
BROMOBENZENE	UG/L		1U	1U	1U	1U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	UG/L		1U	1U	1U	1.0U	1.0U	1.0U	1.0U

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B		2-130B	
	SampleNumber	UT2411		UT2414		UT2387		UT2322		UT2492		UT2297		UT2300	
	SampleDate	22-SEP-97		22-SEP-97		18-SEP-97		12-SEP-97		30-SEP-97		10-SEP-97		10-SEP-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
BROMOFORM	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		0.5J		1U		1U		1U		1.0U		1.0U		1.0U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
CHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
CHLOROFORM	UG/L		0.8J		1U		1U		1U		1U		1.0U		1.0U
CHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1.0U		1U		1.0U		1.0UJ		1.0UJ
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1UJ		1UJ
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
M,P-XYLENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
METHYLENE CHLORIDE	UG/L		1U		0.6J		1U		1U		1.0U		1.0U		1.0U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
NAPHTHALENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
O-XYLENE	UG/L		1U		1U		1U		1U		1.0U		1U		0.9J
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
STYRENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
TOLUENE	UG/L		1U		1U		1U		1U		1.0U		1.0U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
TRICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1.0U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1.0U		1U		1U

NA=Not Analzed

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131B		2-133B		2-147B		2-186		2-187		2-188		2-189	
	SampleNumber	UT2314		UT2428		UT2094		UT2111		UT2112		UT2113		UT2114	
	SampleDate	11-SEP-97		23-SEP-97		19-AUG-97		20-AUG-97		20-AUG-97		20-AUG-97		20-AUG-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,1-DICHLORQPROPENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1UJ		1.0U		1.0UJ
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1UJ		1U		1U		1.0U		1U		1.0U		1.0U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5UJ		5U		5UJ
BENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1.0U		1.0U

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

StationID	2-131B		2-133B		2-147B		2-186		2-187		2-188		2-189	
SampleNumber	UT2314		UT2428		UT2094		UT2111		UT2112		UT2113		UT2114	
SampleDate	11-SEP-97		23-SEP-97		19-AUG-97		20-AUG-97		20-AUG-97		20-AUG-97		20-AUG-97	
Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**													
BROMODICHLOROMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
BROMOFORM	UG/L	1U		1U		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
CARBON TETRACHLORIDE	UG/L	1U		1U		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0UJ
CHLOROFORM	UG/L	1U		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
DIBROMOCHLOROMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
DIBROMOMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
DICHLORODIFLUOROMETHANE	UG/L	1U		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
HEXACHLOROBUTADIENE	UG/L	1U		1U		1U		1U		1UJ		1U		1U
ISOPROPYLBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
METHYLENE CHLORIDE	UG/L	3=		2=		1U		3=		2U		3=		3U
N-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
O-XYLENE	UG/L	1U		1U		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L	1U		1U		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
STYRENE	UG/L	1U		1U		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L	1U		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
TRICHLOROETHENE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
TRICHLOROFLUOROMETHANE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U
VINYL CHLORIDE	UG/L	1U		1U		1U		1.0U		1U		1.0U		1.0U

NA=Not Analzed

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-232	2-5	2-6	2-7	2BR	41B	43B
	SampleNumber	UT2121	UT2108	UT2109	UT2110	UT2472	MS2023	UT2506
	SampleDate	20-AUG-97	20-AUG-97	20-AUG-97	20-AUG-97	29-SEP-97	17-OCT-97	01-OCT-97
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
1,1,1,2-TETRACHLOROETHANE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
1,1,1-TRICHLOROETHANE	UG/L	1.0U	1U	100U	1U	1U	1U	1U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,1,2-TRICHLOROETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,1-DICHLOROETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,1-DICHLOROETHENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,1-DICHLOROPROPENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2,3-TRICHLOROBENZENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2,3-TRICHLOROPROPANE	UG/L	1.0UJ	1UJ	100U	1UJ	1U	1U	1U
1,2,4-TRICHLOROBENZENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2,4-TRIMETHYLBENZENE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2-DIBROMOETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2-DICHLOROBENZENE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
1,2-DICHLOROETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,2-DICHLOROPROPANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,3,5-TRIMETHYLBENZENE	UG/L	1U	1U	100U	1U	1U	1U	1U
1,3-DICHLOROBENZENE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
1,3-DICHLOROPROPANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
1,4-DICHLOROBENZENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
2,2-DICHLOROPROPANE	UG/L	1U	1U	100U	1U	1U	1U	1U
2-BUTANONE	UG/L	5U	5U	500U	5U	5U	5U	5U
2-CHLOROTOLUENE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
4-CHLOROTOLUENE	UG/L	1U	1U	100U	1U	1.0U	1U	1U
ACETONE	UG/L	5UJ	5UJ	500U	5UJ	5U	5U	5U
BENZENE	UG/L	1.0U	1U	2600=	1U	1.0U	1U	1U
BROMOBENZENE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U
BROMOCHLOROMETHANE	UG/L	1.0U	1U	100U	1U	1.0U	1U	1U

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-232		2-5		2-6		2-7		2BR		41B		43B	
	SampleNumber	UT2121		UT2108		UT2109		UT2110		UT2472		MS2023		UT2506	
	SampleDate	20-AUG-97		20-AUG-97		20-AUG-97		20-AUG-97		29-SEP-97		17-OCT-97		01-OCT-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
BROMODICHLOROMETHANE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		100U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		100U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1.0U		1U		100U		1UJ		1.0U		1U		1U
CHLOROFORM	UG/L		1U		1U		100U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		100U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		100U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1UJ		1UJ		100U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		100U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
METHYLENE CHLORIDE	UG/L		6U		7U		680=		1U		1.0U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		100U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
O-XYLENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
STYRENE	UG/L		1U		1U		100U		1UJ		1.0U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		100U		1U		1.0U		1U		1U
TOLUENE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		17=		1U		100U		1U		1.0U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1.0U		1U		100U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1.0U		1U		100U		1U		1.0U		1U		1U

NA=Not Analzed

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B	46B	47B	4BR	59C	60A	75A	76C
	SampleNumber	UT2287	UT2454	UT2424	UT2475	UT2311	UT2370	UT2434	UT2479
	SampleDate	09-SEP-97	26-SEP-97	23-SEP-97	29-SEP-97	11-SEP-97	17-SEP-97	25-SEP-97	29-SEP-97
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,1,1-TRICHLOROETHANE	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-TETRACHLOROETHANE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,1,2-TRICHLOROETHANE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U
1,1-DICHLOROETHANE	UG/L	1U	1U	1.0U	1.0U	1U	1.0U	1U	1.0U
1,1-DICHLOROETHENE	UG/L	1U	1U	1.0U	1.0U	1U	1.0U	1U	1.0U
1,1-DICHLOROPROPENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,2,3-TRICHLOROBENZENE	UG/L	1U	1U	1.0U	1.0U	1U	1.0U	1U	1.0U
1,2,3-TRICHLOROPROPANE	UG/L	1U	1U	1.0U	1U	1UJ	1U	1U	1U
1,2,4-TRICHLOROBENZENE	UG/L	1U	1U	1.0U	1.0U	1U	1.0U	1U	1.0U
1,2,4-TRIMETHYLBENZENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	1U	1U	1U	1.0U	1UJ	1U	1U	1.0U
1,2-DIBROMOETHANE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U
1,2-DICHLOROBENZENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,2-DICHLOROETHANE	UG/L	1U	1.0U	1.0U	1.0U	1U	1U	1U	1.0U
1,2-DICHLOROPROPANE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U
1,3,5-TRIMETHYLBENZENE	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-DICHLOROBENZENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,3-DICHLOROPROPANE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
1,4-DICHLOROBENZENE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U
2,2-DICHLOROPROPANE	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2-BUTANONE	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
2-CHLOROTOLUENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
4-CHLOROTOLUENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
ACETONE	UG/L	5U	5U	5U	5U	5U	5.0U	5U	5U
BENZENE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U
BROMOBENZENE	UG/L	1U	1U	1U	1.0U	1U	1U	1U	1.0U
BROMOCHLOROMETHANE	UG/L	1U	1U	1.0U	1.0U	1U	1U	1U	1.0U

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C		60A		75A		76C	
	SampleNumber	UT2287		UT2454		UT2424		UT2475		UT2311		UT2370		UT2434		UT2479	
	SampleDate	09-SEP-97		26-SEP-97		23-SEP-97		29-SEP-97		11-SEP-97		17-SEP-97		25-SEP-97		29-SEP-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**																
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U		1=
CHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1U		1U		1U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1U		1U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1U		1U		1U		5=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
DIBROMOMETHANE	UG/L		1U		1U		1.0U		1.0U		1U		1U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1.0U		1U		1U		1.0U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
METHYLENE CHLORIDE	UG/L		1U		2=		2=		1.0U		1U		1.0U		1=		1.0U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
O-XYLENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
STYRENE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U
TETRACHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
TOLUENE	UG/L		1U		1U		1.0U		1.0U		1U		1U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		1U		1.0U		1U		1.0U
TRICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		4=		1U		1U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1UJ		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U		1U		1.0U

NA=Not Analzed

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	78C		79A		83A		84A		85A		86A	
	SampleNumber	UT2342		UT2366		UT2436		UT2351		UT2327		UT2343	
	SampleDate	15-SEP-97		17-SEP-97		25-SEP-97		16-SEP-97		12-SEP-97		15-SEP-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		0.7J
1,2-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U

TABLE A.9

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	78C		79A		83A		84A		85A		86A	
	SampleNumber	UT2342		UT2366		UT2436		UT2351		UT2327		UT2343	
	SampleDate	15-SEP-97		17-SEP-97		25-SEP-97		16-SEP-97		12-SEP-97		15-SEP-97	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
BROMODICHLOROMETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
BROMOFORM	UG/L		1U		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		8=
CHLOROETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		5=		1U		1U		1U		1U		2=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1.0U		1U		1U		1U		1U		1.0U
ETHYLBENZENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
METHYLENE CHLORIDE	UG/L		1.0U		1U		2=		1U		1U		1.0U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
O-XYLENE	UG/L		1U		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L		1.0U		1U		1U		1U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		6=		0.8J		1U		1U		1=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		11A		13		1-66B		1-66B	
	SampleNumber	UT2410		UT2385		UT2009		MS2180		UT1599	
	SampleDate	22-SEP-97		18-SEP-97		12-AUG-97		04-NOV-97		27-JUN-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		10U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		10U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		10U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		10U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		10U		1U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1U		10U		1U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		10U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		10U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		10U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		10U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		10U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		10U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		10U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		10U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		10U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		10U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		10U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		10U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		10U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		10U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		10U		1U		1U		1U
2-BUTANONE	UG/L		5U		50U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		10U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		10U		1U		1.0U		1U
ACETONE	UG/L		5U		50U		5U		5U		5U
BENZENE	UG/L		1U		10U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		10U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		10U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	10A	11A	13	1-66B	1-66B
		SampleNumber	UT2410	UT2385	UT2009	MS2180	UT1599
		SampleDate	22-SEP-97	18-SEP-97	12-AUG-97	04-NOV-97	27-JUN-97
		Aquifer Zone	USZ	USZ	USZ	USZ	USZ
BROMODICHLOROMETHANE	UG/L		1U	10U	1U	1U	1U
BROMOFORM	UG/L		1U	10U	1U	1U	1U
BROMOMETHANE	UG/L		1U	10U	1U	1U	1U
CARBON TETRACHLORIDE	UG/L		1U	10U	1U	1UJ	1U
CHLOROBENZENE	UG/L		1U	10U	1U	1U	1U
CHLOROETHANE	UG/L		1U	10U	1U	1UJ	1U
CHLOROFORM	UG/L		5=	10U	1U	1U	1U
CHLOROMETHANE	UG/L		1U	10U	1U	1U	1U
CIS-1,2-DICHLOROETHENE	UG/L		2=	21=	1U	1U	1U
DIBROMOCHLOROMETHANE	UG/L		1U	10U	1U	1U	1U
DIBROMOMETHANE	UG/L		1U	10U	1U	1U	1U
DICHLORODIFLUOROMETHANE	UG/L		1U	10U	1U	1U	1U
ETHYLBENZENE	UG/L		1U	10U	1U	1U	1U
HEXACHLOROBUTADIENE	UG/L		1U	10U	1U	1.0U	1U
ISOPROPYLBENZENE	UG/L		1U	10U	1U	1UJ	1U
M,P-XYLENE	UG/L		1U	10U	1U	1U	1U
METHYLENE CHLORIDE	UG/L		1U	10U	1U	1.0U	1U
N-BUTYLBENZENE	UG/L		1U	10U	1U	1U	4=
N-PROPYLBENZENE	UG/L		1U	10U	1U	1.0U	1U
NAPHTHALENE	UG/L		1U	10U	1U	1.0U	1U
O-XYLENE	UG/L		1U	10U	1U	1.0U	1U
P-ISOPROPYLTOLUENE	UG/L		1U	10U	1U	1.0U	1U
SEC-BUTYLBENZENE	UG/L		1U	10U	1U	1.0U	1U
STYRENE	UG/L		1U	10U	1U	1U	1U
TERT-BUTYLBENZENE	UG/L		1U	10U	1U	1.0U	1U
TETRACHLOROETHENE	UG/L		1U	10U	1U	1U	1U
TOLUENE	UG/L		1U	10U	1U	1U	1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U	10U	1U	1U	1U
TRICHLOROETHENE	UG/L		4=	340=	0.6J	1U	1U
TRICHLOROFLUOROMETHANE	UG/L		1U	10U	1U	1U	1=
VINYL CHLORIDE	UG/L		1U	10U	1U	1U	1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1-67B		1AR		2-106B		2-11	
	SampleNumber	MS2203		UT1622		UT2321		UT2066		UT2331	
	SampleDate	06-NOV-97		30-JUN-97		12-SEP-97		21-AUG-97		12-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1UJ		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		0.6J
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
ACETONE	UG/L		5U		5U		5U		5UJ		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	1-67B	1-67B	1AR	2-106B	2-11
		SampleNumber	MS2203	UT1622	UT2321	UT2066	UT2331
		SampleDate	06-NOV-97	30-JUN-97	12-SEP-97	21-AUG-97	12-SEP-97
		Aquifer Zone	USZ	USZ	USZ	USZ	USZ
BROMODICHLOROMETHANE	UG/L		1U	1U	1U	1.0U	1U
BROMOFORM	UG/L		1U	1U	1U	1.0U	1U
BROMOMETHANE	UG/L		1U	1U	1U	1.0U	1U
CARBON TETRACHLORIDE	UG/L		0.9J	0.7J	1U	1.0U	1U
CHLOROBENZENE	UG/L		1U	1U	1U	1.0U	6=
CHLOROETHANE	UG/L		1U	1U	1.0U	1.0U	1.0U
CHLOROFORM	UG/L		0.9J	1U	1U	1.0U	1U
CHLOROMETHANE	UG/L		1U	1U	1.0U	1.0U	1.0U
CIS-1,2-DICHLOROETHENE	UG/L		1U	1U	11=	1.0U	2=
DIBROMOCHLOROMETHANE	UG/L		1U	1U	1U	1.0U	1U
DIBROMOMETHANE	UG/L		1U	1U	1U	1.0U	1U
DICHLORODIFLUOROMETHANE	UG/L		1U	1U	1=	1U	0.5J
ETHYLBENZENE	UG/L		1U	1U	1U	1.0U	1U
HEXACHLOROBUTADIENE	UG/L		1U	1U	1.0U	1.0UJ	1.0U
ISOPROPYLBENZENE	UG/L		1U	1U	1U	1U	1U
M,P-XYLENE	UG/L		1U	1U	1.0U	1.0U	1.0U
METHYLENE CHLORIDE	UG/L		0.7J	2=	1U	5U	1U
N-BUTYLBENZENE	UG/L		1U	1U	1U	1.0U	1U
N-PROPYLBENZENE	UG/L		1U	1U	1U	1.0U	1U
NAPHTHALENE	UG/L		1U	1U	1.0U	1.0U	1.0U
O-XYLENE	UG/L		1U	1U	1U	1.0U	1U
P-ISOPROPYLTOLUENE	UG/L		1U	1U	1U	1U	1U
SEC-BUTYLBENZENE	UG/L		1U	1U	1U	1.0U	1U
STYRENE	UG/L		1U	1U	1U	1U	1U
TERT-BUTYLBENZENE	UG/L		1U	1U	1U	1U	1U
TETRACHLOROETHENE	UG/L		1U	1U	1U	1.0U	1U
TOLUENE	UG/L		1U	1U	1U	1.0U	1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U	1U	1.0U	1.0U	1.0U
TRICHLOROETHENE	UG/L		0.9J	0.6J	36=	1U	28=
TRICHLOROFLUOROMETHANE	UG/L		1U	1U	1U	1.0U	1U
VINYL CHLORIDE	UG/L		1U	1U	1U	1.0U	1U

NA-Not Analyzed

TABLE A.10
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-112B		2-113B		2-114B		2-115B	
	SampleNumber	UT2069		UT2016		UT2019		UT2021		UT2134	
	SampleDate	15-AUG-97		11-AUG-97		12-AUG-97		11-AUG-97		25-AUG-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1.0U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
ACETONE	UG/L		5UJ		5U		5U		5U		5U
BENZENE	UG/L		1U		1.0U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-112B		2-113B		2-114B		2-115B	
	SampleNumber	UT2069		UT2016		UT2019		UT2021		UT2134	
	SampleDate	15-AUG-97		11-AUG-97		12-AUG-97		11-AUG-97		25-AUG-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
BROMOFORM	UG/L		1U		1.0U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1.0U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1UJ		1.0U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1.0U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1.0U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1.0U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2U		1.0U		1U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1.0U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		12=		1U		1U		1U
TOLUENE	UG/L		1U		1.0U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		6=		1=		7=		4=
TRICHLOROFLUOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1.0U		1U		1U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122A		2-123A		2-124A		2-125A		2-126A	
	SampleNumber	UT2458		UT2491		UT2388		UT2444		UT2415	
	SampleDate	26-SEP-97		30-SEP-97		18-SEP-97		25-SEP-97		22-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1.0U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		3=
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1.0U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1.0U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1.0U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122A		2-123A		2-124A		2-125A		2-126A	
	SampleNumber	UT2458		UT2491		UT2388		UT2444		UT2415	
	SampleDate	26-SEP-97		30-SEP-97		18-SEP-97		25-SEP-97		22-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
BROMOFORM	UG/L		1U		1.0U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1.0U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1.0U		1U		1U		3=
CHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
CHLOROFORM	UG/L		2=		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		4=		1.0U		1U		1U		6=
DIBROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1.0U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		3=		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1.0U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1.0U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		1.0U		1U		2=		1U
N-BUTYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1.0U		1U		1U		1U
O-XYLENE	UG/L		1U		1.0U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1.0U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
STYRENE	UG/L		1U		1.0U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1J		1.0U		1U		1U		1U
TOLUENE	UG/L		1U		1.0U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
TRICHLOROETHENE	UG/L		1=		1.0U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1.0U		1U		1U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-127A		2-128A		2-129A		2-130A		2-131A	
	SampleNumber	UT2417		UT2294		UT2296		UT2299		UT2313	
	SampleDate	22-SEP-97		10-SEP-97		10-SEP-97		10-SEP-97		11-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		5U		1U		1U		1U		5U
1,1,1-TRICHLOROETHANE	UG/L		5U		1U		1U		1U		5U
1,1,2,2-TETRACHLOROETHANE	UG/L		5U		1U		1U		1U		5U
1,1,2-TRICHLOROETHANE	UG/L		5U		1U		1U		1U		5U
1,1-DICHLOROETHANE	UG/L		5U		1U		1U		1U		5U
1,1-DICHLOROETHENE	UG/L		5U		1U		1U		1U		5U
1,1-DICHLOROPROPENE	UG/L		5U		1U		1U		1U		5U
1,2,3-TRICHLOROBENZENE	UG/L		5U		1U		1U		1U		5U
1,2,3-TRICHLOROPROPANE	UG/L		5U		1U		1U		1U		5UJ
1,2,4-TRICHLOROBENZENE	UG/L		5U		1U		1U		1U		5U
1,2,4-TRIMETHYLBENZENE	UG/L		5U		1U		1U		1U		5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		5U		1U		1U		1U		5UJ
1,2-DIBROMOETHANE	UG/L		5U		1U		1U		1U		5U
1,2-DICHLOROBENZENE	UG/L		5U		1U		1U		1U		5U
1,2-DICHLOROETHANE	UG/L		5U		28D		1U		1U		5U
1,2-DICHLOROPROPANE	UG/L		5U		1U		1U		1U		5U
1,3,5-TRIMETHYLBENZENE	UG/L		5U		1U		1U		1U		5U
1,3-DICHLOROBENZENE	UG/L		5U		1U		1U		1U		5U
1,3-DICHLOROPROPANE	UG/L		5U		1U		1U		1U		5U
1,4-DICHLOROBENZENE	UG/L		5U		1U		1U		1U		5U
2,2-DICHLOROPROPANE	UG/L		5U		1U		1U		1U		5U
2-BUTANONE	UG/L		25U		5U		5U		5U		25U
2-CHLOROTOLUENE	UG/L		5U		1U		1U		1U		5U
4-CHLOROTOLUENE	UG/L		5U		1U		1U		1U		5U
ACETONE	UG/L		25U		5UJ		5UJ		5UJ		25U
BENZENE	UG/L		5U		1U		1U		1U		4J
BROMOBENZENE	UG/L		5U		1U		1U		1U		5U
BROMOCHLOROMETHANE	UG/L		5U		1U		1U		1U		5U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

StationID	2-127A		2-128A		2-129A		2-130A		2-131A	
SampleNumber	UT2417		UT2294		UT2296		UT2299		UT2313	
SampleDate	22-SEP-97		10-SEP-97		10-SEP-97		10-SEP-97		11-SEP-97	
Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**									
BROMODICHLOROMETHANE	UG/L	5U		1U		1U		1U		5U
BROMOFORM	UG/L	5U		1U		1U		1U		5U
BROMOMETHANE	UG/L	5U		1U		1U		1U		5U
CARBON TETRACHLORIDE	UG/L	5U		1U		1U		1U		5U
CHLOROBENZENE	UG/L	34=		7=		1U		1U		5U
CHLOROETHANE	UG/L	5U		1U		1U		1U		5U
CHLOROFORM	UG/L	5U		1U		1U		1U		5U
CHLOROMETHANE	UG/L	5U		1U		1U		1U		5U
CIS-1,2-DICHLOROETHENE	UG/L	110=		65=		1UJ		1UJ		130=
DIBROMOCHLOROMETHANE	UG/L	5U		1U		1U		1U		5U
DIBROMOMETHANE	UG/L	5U		1U		1U		1U		5U
DICHLORODIFLUOROMETHANE	UG/L	5U		1UJ		1UJ		1UJ		5U
ETHYLBENZENE	UG/L	5U		1U		1U		1U		5U
HEXACHLOROBUTADIENE	UG/L	5U		1U		1U		1U		5U
ISOPROPYLBENZENE	UG/L	5U		1U		1U		1U		5U
M,P-XYLENE	UG/L	5U		1U		1U		1U		5U
METHYLENE CHLORIDE	UG/L	5U		1U		1U		1U		5U
N-BUTYLBENZENE	UG/L	5U		1U		1U		1U		5U
N-PROPYLBENZENE	UG/L	5U		1U		1U		1U		5U
NAPHTHALENE	UG/L	5U		1U		1U		1U		5U
O-XYLENE	UG/L	5U		1U		1U		1U		5U
P-ISOPROPYLTOLUENE	UG/L	5U		1U		1U		1U		5U
SEC-BUTYLBENZENE	UG/L	5U		1U		1U		1U		5U
STYRENE	UG/L	5U		1U		1U		1U		5U
TERT-BUTYLBENZENE	UG/L	5U		1U		1U		1U		5U
TETRACHLOROETHENE	UG/L	5U		1U		1U		1U		5U
TOLUENE	UG/L	5U		1U		1U		1U		5U
TRANS-1,2-DICHLOROETHENE	UG/L	5U		1U		1U		1U		5U
TRICHLOROETHENE	UG/L	18=		980=		10=		1U		66=
TRICHLOROFLUOROMETHANE	UG/L	5U		1U		1U		1U		5UJ
VINYL CHLORIDE	UG/L	3J		6=		1U		1U		15=

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleNumber	UT2380		UT2427		UT2402		UT2405		UT2511	
	SampleDate	18-SEP-97		23-SEP-97		19-SEP-97		19-SEP-97		01-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		12U		1U		1U		1U		5U
1,1,1-TRICHLOROETHANE	UG/L		12U		1U		1U		1U		5U
1,1,2,2-TETRACHLOROETHANE	UG/L		12U		1U		1U		1U		5U
1,1,2-TRICHLOROETHANE	UG/L		12U		1U		1U		1U		5U
1,1-DICHLOROETHANE	UG/L		12U		1U		1U		2=		5U
1,1-DICHLOROETHENE	UG/L		12U		1U		5=		1U		5U
1,1-DICHLOROPROPENE	UG/L		12U		1U		1U		1=		5U
1,2,3-TRICHLOROBENZENE	UG/L		12U		1U		1U		1U		5U
1,2,3-TRICHLOROPROPANE	UG/L		12U		1U		1U		1U		5U
1,2,4-TRICHLOROBENZENE	UG/L		12U		1U		1U		1U		5U
1,2,4-TRIMETHYLBENZENE	UG/L		12U		1U		1U		1U		5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		12U		1U		1U		1U		5U
1,2-DIBROMOETHANE	UG/L		12U		1U		1U		1U		5U
1,2-DICHLOROBENZENE	UG/L		12U		1U		1U		2=		5U
1,2-DICHLOROETHANE	UG/L		12U		1U		1U		1U		24=
1,2-DICHLOROPROPANE	UG/L		12U		1U		1U		1U		5U
1,3,5-TRIMETHYLBENZENE	UG/L		12U		1U		1U		1U		5U
1,3-DICHLOROBENZENE	UG/L		12U		1U		1U		1U		5U
1,3-DICHLOROPROPANE	UG/L		12U		1U		1U		1U		5U
1,4-DICHLOROBENZENE	UG/L		12U		1U		1U		1U		5U
2,2-DICHLOROPROPANE	UG/L		12U		1U		1U		1U		5U
2-BUTANONE	UG/L		62U		5U		5U		5U		25U
2-CHLOROTOLUENE	UG/L		12U		1U		1U		1U		5U
4-CHLOROTOLUENE	UG/L		12U		1U		1U		1U		5U
ACETONE	UG/L		62U		5U		26=		5U		25U
BENZENE	UG/L		12U		1U		1U		5=		5U
BROMOBENZENE	UG/L		12U		1U		1U		1U		5U
BROMOCHLOROMETHANE	UG/L		12U		1U		1U		1U		5U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleNumber	UT2380		UT2427		UT2402		UT2405		UT2511	
	SampleDate	18-SEP-97		23-SEP-97		19-SEP-97		19-SEP-97		01-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		12U		1U		1U		1U		5U
BROMOFORM	UG/L		12U		1U		1U		1U		5U
BROMOMETHANE	UG/L		12U		1U		1U		1U		5U
CARBON TETRACHLORIDE	UG/L		12U		1U		1U		1U		19=
CHLOROBENZENE	UG/L		12U		1U		1U		1U		5U
CHLOROETHANE	UG/L		12U		1U		1U		1U		5U
CHLOROFORM	UG/L		12U		1U		1=		1U		66=
CHLOROMETHANE	UG/L		12U		1U		1U		1U		5U
CIS-1,2-DICHLOROETHENE	UG/L		22=		1U		1=		1=		42=
DIBROMOCHLOROMETHANE	UG/L		12U		1U		1U		1U		5U
DIBROMOMETHANE	UG/L		12U		1U		1U		1U		5U
DICHLORODIFLUOROMETHANE	UG/L		12U		1U		1U		1U		5U
ETHYLBENZENE	UG/L		12U		1U		1U		1U		5U
HEXACHLOROBUTADIENE	UG/L		12U		1U		1U		1U		5U
ISOPROPYLBENZENE	UG/L		12U		1U		1U		1U		5U
M,P-XYLENE	UG/L		12U		1U		1U		1U		5U
METHYLENE CHLORIDE	UG/L		12U		2=		1U		1U		5U
N-BUTYLBENZENE	UG/L		12U		1U		1U		1U		5U
N-PROPYLBENZENE	UG/L		12U		1U		1U		1U		5U
NAPHTHALENE	UG/L		12U		1U		1U		1U		5U
O-XYLENE	UG/L		12U		1U		1U		1U		5U
P-ISOPROPYLTOLUENE	UG/L		12U		1U		1U		1U		5U
SEC-BUTYLBENZENE	UG/L		12U		1U		1U		0.8J		5U
STYRENE	UG/L		12U		1U		1U		1U		5U
TERT-BUTYLBENZENE	UG/L		12U		1U		1U		1=		5U
TETRACHLOROETHENE	UG/L		12U		1U		25=		1U		5U
TOLUENE	UG/L		12U		1U		1U		1U		5U
TRANS-1,2-DICHLOROETHENE	UG/L		12U		1U		1U		3=		5U
TRICHLOROETHENE	UG/L		270=		1U		0.7J		1U		46=
TRICHLOROFLUOROMETHANE	UG/L		12U		1U		1U		1U		5U
VINYL CHLORIDE	UG/L		12U		1U		1U		1U		5U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B	
	SampleNumber	UT2524		UT2529		UT2532		UT2260		UT2264	
	SampleDate	02-OCT-97		02-OCT-97		02-OCT-97		08-SEP-97		08-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1.0U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,2-DIBROMOETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,2-DICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,2-DICHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
1,4-DICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1.0U
2-BUTANONE	UG/L		5U		5U		5U		5U		5.0U
2-CHLOROTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
4-CHLOROTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
BROMOBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B	
	SampleNumber	UT2524		UT2529		UT2532		UT2260		UT2264	
	SampleDate	02-OCT-97		02-OCT-97		02-OCT-97		08-SEP-97		08-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
BROMOFORM	UG/L		1.0U		1.0U		1.0U		1U		1.0U
BROMOMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1.0U		1.0U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
CHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U
ETHYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1.0U
ISOPROPYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
M,P-XYLENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
METHYLENE CHLORIDE	UG/L		1.0U		1.0U		1.0U		1J		2=
N-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
N-PROPYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
NAPHTHALENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
O-XYLENE	UG/L		1.0U		1.0U		1.0U		1U		1=
P-ISOPROPYLTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1U
SEC-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
STYRENE	UG/L		1.0U		1.0U		1.0U		1U		1U
TERT-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1.0U
TOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		2=		1U		1U		1U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1.0U		1.0U		1.0U		1U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-143B		2-147A		2-167B		2-168B		2-19B	
	SampleNumber	UT2540		UT2093		UT2267		UT2277		UT2495	
	SampleDate	03-OCT-97		19-AUG-97		08-SEP-97		09-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		50U		1U		1U		1U		1.0U
1,1,1-TRICHLOROETHANE	UG/L		50U		1U		1U		1U		1.0U
1,1,2,2-TETRACHLOROETHANE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		50U		1.0U		1.0U		0.7J		1.0U
1,1-DICHLOROETHENE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		50U		1.0U		1U		1U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		50U		1U		1.0U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		50U		1U		1U		1U		1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		50U		1U		1U		1U		1.0U
1,2-DIBROMOETHANE	UG/L		50U		1.0U		1U		1U		1.0U
1,2-DICHLOROBENZENE	UG/L		50U		1U		1U		1U		1.0U
1,2-DICHLOROETHANE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,2-DICHLOROPROPANE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		50U		1U		1U		1U		1.0U
1,3-DICHLOROBENZENE	UG/L		50U		1U		1U		1U		1.0U
1,3-DICHLOROPROPANE	UG/L		50U		1.0U		1.0U		1U		1.0U
1,4-DICHLOROBENZENE	UG/L		50U		1.0U		1.0U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		50U		1.0U		1.0U		1U		1U
2-BUTANONE	UG/L		250U		5U		5.0U		5U		5U
2-CHLOROTOLUENE	UG/L		50U		1U		1.0U		1U		1.0U
4-CHLOROTOLUENE	UG/L		50U		1.0U		1.0U		1U		1.0U
ACETONE	UG/L		250U		5U		5U		5U		5U
BENZENE	UG/L		50U		1.0U		1.0U		0.9J		1.0U
BROMOBENZENE	UG/L		50U		1U		1U		1U		1.0U
BROMOCHLOROMETHANE	UG/L		50U		1.0U		1U		1U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-143B		2-147A		2-167B		2-168B		2-19B	
	SampleNumber	UT2540		UT2093		UT2267		UT2277		UT2495	
	SampleDate	03-OCT-97		19-AUG-97		08-SEP-97		09-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		50U		1.0U		1.0U		1U		1.0U
BROMOFORM	UG/L		50U		1U		1.0U		1U		1.0U
BROMOMETHANE	UG/L		50U		1.0U		1U		1U		1.0U
CARBON TETRACHLORIDE	UG/L		50U		1U		1U		1U		1.0U
CHLOROBENZENE	UG/L		50U		1U		1.0U		1U		1.0U
CHLOROETHANE	UG/L		50U		1.0U		1U		1U		1.0U
CHLOROFORM	UG/L		58=		1U		1U		1U		1U
CHLOROMETHANE	UG/L		50U		1.0U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		50U		1.0U		1.0U		14=		1.0U
DIBROMOCHLOROMETHANE	UG/L		50U		1U		1U		1U		1.0U
DIBROMOMETHANE	UG/L		50U		1.0U		1.0U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		50U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		50U		1.0U		1.0U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		50U		1.0U		1.0U		1U		1.0U
ISOPROPYLBENZENE	UG/L		50U		1U		1U		1U		1.0U
M,P-XYLENE	UG/L		50U		1.0U		1.0U		1U		1.0U
METHYLENE CHLORIDE	UG/L		40J		2=		0.6J		1U		1.0U
N-BUTYLBENZENE	UG/L		50U		1.0U		1.0U		1U		1.0U
N-PROPYLBENZENE	UG/L		50U		1U		1.0U		1U		1.0U
NAPHTHALENE	UG/L		50U		1.0U		1.0U		1U		1.0U
O-XYLENE	UG/L		50U		1U		1U		1U		1.0U
P-ISOPROPYLTOLUENE	UG/L		50U		1U		1U		1U		1.0U
SEC-BUTYLBENZENE	UG/L		50U		1U		1U		1U		1.0U
STYRENE	UG/L		50U		1U		1U		1U		1.0U
TERT-BUTYLBENZENE	UG/L		50U		1U		1U		1U		1.0U
TETRACHLOROETHENE	UG/L		50U		1U		1.0U		1U		1.0U
TOLUENE	UG/L		50U		1.0U		1.0U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		50U		1.0U		1U		1U		1.0U
TRICHLOROETHENE	UG/L		980=		1.0U		1.0U		0.8J		1.0U
TRICHLOROFLUOROMETHANE	UG/L		50U		1.0U		1U		39=		1.0U
VINYL CHLORIDE	UG/L		50U		1.0U		1U		1U		1.0U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B		2-214A		2-21B		2-228		2-229	
	SampleNumber	UT2466		UT2374		UT2136		UT2117		UT2118	
	SampleDate	26-SEP-97		17-SEP-97		25-AUG-97		20-AUG-97		20-AUG-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		10U		2U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		10U		2U		1U		1U		1.0U
1,1,2,2-TETRACHLOROETHANE	UG/L		10U		2U		1U		1U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		10U		2U		1U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		10U		2U		1U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		10U		2U		1U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		10U		2U		1U		1U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		12=		2U		1U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		10U		2U		1U		1UJ		1.0U
1,2,4-TRICHLOROBENZENE	UG/L		89=		2U		1U		1U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		10U		2U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		10U		2U		1U		1U		1.0U
1,2-DIBROMOETHANE	UG/L		10U		2U		1U		1U		1.0U
1,2-DICHLOROBENZENE	UG/L		10U		2U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		10U		2=		1U		1U		1.0U
1,2-DICHLOROPROPANE	UG/L		10U		2U		1U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		10U		2U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		10U		2U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		10U		2U		1U		1U		1.0U
1,4-DICHLOROBENZENE	UG/L		10U		2U		1U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		10U		2U		1U		1U		1U
2-BUTANONE	UG/L		50U		10U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		10U		2U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		10U		2U		1U		1U		1U
ACETONE	UG/L		50U		10U		5U		5UJ		5U
BENZENE	UG/L		10U		2U		1U		1U		1.0U
BROMOBENZENE	UG/L		10U		2U		1U		1U		1.0U
BROMOCHLOROMETHANE	UG/L		10U		2U		1U		1U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B		2-214A		2-21B		2-228		2-229	
	SampleNumber	UT2466		UT2374		UT2136		UT2117		UT2118	
	SampleDate	26-SEP-97		17-SEP-97		25-AUG-97		20-AUG-97		20-AUG-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		10U		2U		1U		1U		1.0U
BROMOFORM	UG/L		10U		2U		1U		1U		1U
BROMOMETHANE	UG/L		10U		2U		1U		1U		1.0U
CARBON TETRACHLORIDE	UG/L		10U		2U		1U		1U		1U
CHLOROBENZENE	UG/L		10U		11=		1U		1U		1U
CHLOROETHANE	UG/L		10U		2U		1U		1U		1.0U
CHLOROFORM	UG/L		10U		2U		1U		1U		1U
CHLOROMETHANE	UG/L		10U		2U		1U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		190=		44=		1U		1U		1.0U
DIBROMOCHLOROMETHANE	UG/L		10U		2U		1U		1U		1.0U
DIBROMOMETHANE	UG/L		10U		2U		1U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		10U		2U		1U		1U		1U
ETHYLBENZENE	UG/L		10U		2U		1U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		10U		2U		1U		1UJ		1U
ISOPROPYLBENZENE	UG/L		10U		2U		1U		1U		1U
M,P-XYLENE	UG/L		10U		2U		1U		1U		1.0U
METHYLENE CHLORIDE	UG/L		10U		2U		1U		6UJ		3=
N-BUTYLBENZENE	UG/L		10U		2U		1U		1U		1U
N-PROPYLBENZENE	UG/L		10U		2U		1U		1U		1U
NAPHTHALENE	UG/L		10U		2U		1U		1U		1.0U
O-XYLENE	UG/L		10U		2U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		10U		2U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		10U		2U		1U		1U		1U
STYRENE	UG/L		10U		2U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		10U		2U		1U		1U		1U
TETRACHLOROETHENE	UG/L		10U		2U		1U		1U		1U
TOLUENE	UG/L		10U		2U		1U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		10U		2U		1U		1U		1.0U
TRICHLOROETHENE	UG/L		12=		19=		1U		19=		14=
TRICHLOROFLUOROMETHANE	UG/L		10U		2U		1U		1U		1.0U
VINYL CHLORIDE	UG/L		33=		2U		1U		1U		1.0U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-230		2-231		2-271B		2-272B		2-273B	
	SampleNumber	UT2119		UT2120		UT2268		UT2269		UT2278	
	SampleDate	20-AUG-97		20-AUG-97		09-SEP-97		08-SEP-97		09-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1.0U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1UJ		1.0U		1U		1.0U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
2-BUTANONE	UG/L		5U		5U		5U		5.0U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
ACETONE	UG/L		5UJ		5U		5U		5U		5U
BENZENE	UG/L		1U		1.0U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-230		2-231		2-271B		2-272B		2-273B	
	SampleNumber	UT2119		UT2120		UT2268		UT2269		UT2278	
	SampleDate	20-AUG-97		20-AUG-97		09-SEP-97		08-SEP-97		09-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1U		1.0U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U
BROMOMETHANE	UG/L		1U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
CHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		3=		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1.0U		1U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1UJ		1U		1U		1.0U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1.0U		1U		1.0U		1U
METHYLENE CHLORIDE	UG/L		7U		3=		1U		1=		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U
NAPHTHALENE	UG/L		1U		1.0U		1U		1.0U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U
TOLUENE	UG/L		1U		1.0U		1U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
TRICHLOROETHENE	UG/L		16=		8=		1U		39=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1.0U		1U		1U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274B		2-278B		2-279B		2-280B		2-281B	
	SampleNumber	UT2270		MS2052		MS2043		MS2057		UT2545	
	SampleDate	08-SEP-97		21-OCT-97		22-OCT-97		22-OCT-97		03-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,1,1-TRICHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,1,2-TRICHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,1-DICHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,1-DICHLOROETHENE	UG/L		12U		10U		1.0U		50U		1U
1,1-DICHLOROPROPENE	UG/L		12U		10U		1.0U		50U		1U
1,2,3-TRICHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,2,3-TRICHLOROPROPANE	UG/L		12U		10U		1.0U		50U		1U
1,2,4-TRICHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		12U		10U		1.0U		50U		1U
1,2-DIBROMOETHANE	UG/L		12U		10U		1.0U		50U		1U
1,2-DICHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,2-DICHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
1,2-DICHLOROPROPANE	UG/L		12U		10U		1.0U		50U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,3-DICHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
1,3-DICHLOROPROPANE	UG/L		12U		10U		1.0U		50U		1U
1,4-DICHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
2,2-DICHLOROPROPANE	UG/L		12U		10U		1.0U		50U		1U
2-BUTANONE	UG/L		62U		50U		5.0U		250U		5U
2-CHLOROTOLUENE	UG/L		12U		10U		1.0U		50U		1U
4-CHLOROTOLUENE	UG/L		12U		10U		1.0U		50U		1U
ACETONE	UG/L		62U		50U		5.0U		250U		5U
BENZENE	UG/L		12U		10U		1.0U		50U		1U
BROMOBENZENE	UG/L		12U		10U		1.0U		50U		1U
BROMOCHLOROMETHANE	UG/L		12U		10U		1.0U		50U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274B		2-278B		2-279B		2-280B		2-281B	
	SampleNumber	UT2270		MS2052		MS2043		MS2057		UT2545	
	SampleDate	08-SEP-97		21-OCT-97		22-OCT-97		22-OCT-97		03-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		12U		10U		1.0U		50U		1U
BROMOFORM	UG/L		12U		10U		1.0U		50U		1U
BROMOMETHANE	UG/L		12U		10U		1.0U		50U		1U
CARBON TETRACHLORIDE	UG/L		12U		10J		1.0U		32J		1U
CHLOROBENZENE	UG/L		12U		10U		1.0U		50U		1U
CHLOROETHANE	UG/L		12U		10U		1.0U		50U		1U
CHLOROFORM	UG/L		12U		19J		1.0J		80J		1U
CHLOROMETHANE	UG/L		12U		10U		1.0U		50U		1U
CIS-1,2-DICHLOROETHENE	UG/L		47=		9.0J		1.0U		50U		2=
DIBROMOCHLOROMETHANE	UG/L		12U		10U		1.0U		50U		1U
DIBROMOMETHANE	UG/L		12U		10U		1.0U		50U		1U
DICHLORODIFLUOROMETHANE	UG/L		12U		10U		1.0U		50U		1U
ETHYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
HEXACHLOROBUTADIENE	UG/L		12U		10U		1.0U		50U		1U
ISOPROPYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
M,P-XYLENE	UG/L		12U		10U		0.9J		50U		1U
METHYLENE CHLORIDE	UG/L		12U		12=		1.0J		100=		1U
N-BUTYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
N-PROPYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
NAPHTHALENE	UG/L		12U		10U		1.0U		50U		1U
O-XYLENE	UG/L		12U		10U		1.0U		50U		1U
P-ISOPROPYLTOLUENE	UG/L		12U		10U		1.0U		50U		1U
SEC-BUTYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
STYRENE	UG/L		12U		10U		1.0U		50U		1U
TERT-BUTYLBENZENE	UG/L		12U		10U		1.0U		50U		1U
TETRACHLOROETHENE	UG/L		12U		10U		1.0U		50U		1U
TOLUENE	UG/L		12U		10U		1.0=		50U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		12U		10U		1.0U		50U		1U
TRICHLOROETHENE	UG/L		380=		220=		1.0U		900=		16=
TRICHLOROFLUOROMETHANE	UG/L		12U		10U		1.0U		50U		1U
VINYL CHLORIDE	UG/L		12U		10U		1.0U		50U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282B		2-285B		2-287B		2-288B		2-290B	
	SampleNumber	UT2547		MS2060		UT2515		UT2517		UT2439	
	SampleDate	03-OCT-97		22-OCT-97		01-OCT-97		01-OCT-97		25-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		2.0U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		2.0U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		2.0U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		2.0U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		2.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		2.0U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		2.0U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		2.0U		1U		1U		1U
2-BUTANONE	UG/L		5U		10U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		2.0U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		2.0U		1U		1U		1U
ACETONE	UG/L		5U		10U		5U		5U		5U
BENZENE	UG/L		1U		2.0U		1U		1U		1U
BROMOBENZENE	UG/L		1U		2.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		2.0U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	2-282B		2-285B		2-287B		2-288B		2-290B	
		SampleNumber	UT2547		MS2060		UT2515		UT2517		UT2439	
		SampleDate	03-OCT-97		22-OCT-97		01-OCT-97		01-OCT-97		25-SEP-97	
		Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
BROMODICHLOROMETHANE	UG/L		1U		2.0U		1U		1U		1U	
BROMOFORM	UG/L		1U		2.0U		1U		1U		1U	
BROMOMETHANE	UG/L		1U		2.0U		1U		1U		1U	
CARBON TETRACHLORIDE	UG/L		1U		6.0=		1.0U		1.0U		1U	
CHLOROBENZENE	UG/L		1U		2.0U		1U		1U		1U	
CHLOROETHANE	UG/L		1U		2.0U		1U		1U		1U	
CHLOROFORM	UG/L		1U		52J		1U		1U		1U	
CHLOROMETHANE	UG/L		1U		2.0U		1U		1U		1U	
CIS-1,2-DICHLOROETHENE	UG/L		1U		4.0=		1.0U		15=		1U	
DIBROMOCHLOROMETHANE	UG/L		1U		2.0U		1U		1U		1U	
DIBROMOMETHANE	UG/L		1U		2.0U		1U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		1U		2.0U		1U		1U		1U	
ETHYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		2.0U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
M,P-XYLENE	UG/L		1U		2.0U		1U		1U		1U	
METHYLENE CHLORIDE	UG/L		1U		1.0J		1U		1U		0.7J	
N-BUTYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
N-PROPYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
NAPHTHALENE	UG/L		1U		2.0U		1U		1U		1U	
O-XYLENE	UG/L		1U		2.0U		1U		1U		1U	
P-ISOPROPYLTOLUENE	UG/L		1U		2.0U		1U		1U		1U	
SEC-BUTYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
STYRENE	UG/L		1U		2.0U		1U		1U		1U	
TERT-BUTYLBENZENE	UG/L		1U		2.0U		1U		1U		1U	
TETRACHLOROETHENE	UG/L		1U		2.0U		1U		1U		1U	
TOLUENE	UG/L		1U		2.0U		1U		1U		1U	
TRANS-1,2-DICHLOROETHENE	UG/L		1U		2.0U		1U		1U		1U	
TRICHLOROETHENE	UG/L		1U		3.0=		1U		4=		1U	
TRICHLOROFLUOROMETHANE	UG/L		1U		2.0U		1U		1U		1U	
VINYL CHLORIDE	UG/L		1U		2.0U		1U		1U		1U	

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-293B		2-294B		2-295B	
	SampleNumber	UT2419		UT2440		UT2383		UT2360		UT2358	
	SampleDate	22-SEP-97		25-SEP-97		18-SEP-97		16-SEP-97		16-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		10U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		10U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		10U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		10U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		10U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		10U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		10U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		10U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		10U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		10U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		10U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		10U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		10U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		10U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		10U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		10U
2-BUTANONE	UG/L		5U		5U		5U		5U		50U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		10U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		10U
ACETONE	UG/L		5U		5U		5U		5U		50U
BENZENE	UG/L		1U		1U		1U		1U		10U
BROMOBENZENE	UG/L		1U		1U		1U		1U		10U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		10U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-293B		2-294B		2-295B	
	SampleNumber	UT2419		UT2440		UT2383		UT2360		UT2358	
	SampleDate	22-SEP-97		25-SEP-97		18-SEP-97		16-SEP-97		16-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		10U
BROMOFORM	UG/L		1U		1U		1U		1U		10U
BROMOMETHANE	UG/L		1U		1U		1U		1U		10U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		10U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		62=
CHLOROETHANE	UG/L		1U		1U		1U		1U		10U
CHLOROFORM	UG/L		1U		1U		1U		1U		10U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		10U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		240=
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		10U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		10U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		10U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		10U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		10U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		10U
M,P-XYLENE	UG/L		1U		1U		1U		1U		10U
METHYLENE CHLORIDE	UG/L		1U		0.8J		1U		1U		10U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		10U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		10U
NAPHTHALENE	UG/L		1U		1U		1U		1U		10U
O-XYLENE	UG/L		1U		1U		1U		1U		10U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		10U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		10U
STYRENE	UG/L		1U		1U		1U		1U		10U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		10U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		10U
TOLUENE	UG/L		1U		1U		1U		1U		10U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		10U
TRICHLOROETHENE	UG/L		1U		38=		1U		1U		23=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		10U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		10U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-296B		2-297B		2-298B		2-299B		2-300B	
	SampleNumber	UT2302		UT2355		UT2303		UT2441		UT2346	
	SampleDate	10-SEP-97		16-SEP-97		10-SEP-97		25-SEP-97		15-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,1,1-TRICHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,1,2-TRICHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,1-DICHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,1-DICHLOROETHENE	UG/L		5U		1U		1.0U		5U		1U
1,1-DICHLOROPROPENE	UG/L		5U		1U		1.0U		5U		1U
1,2,3-TRICHLOROBENZENE	UG/L		5U		1U		1.0U		5U		1U
1,2,3-TRICHLOROPROPANE	UG/L		5U		1U		1.0U		5U		1U
1,2,4-TRICHLOROBENZENE	UG/L		5U		1U		1.0U		5U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		5U		1U		1U		5U		1U
1,2-DIBROMOETHANE	UG/L		5U		1U		1.0U		5U		1U
1,2-DICHLOROBENZENE	UG/L		5U		1U		1.0U		5U		1U
1,2-DICHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
1,2-DICHLOROPROPANE	UG/L		5U		1U		1.0U		5U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		5U		1U		1U		5U		1U
1,3-DICHLOROBENZENE	UG/L		5U		1U		1.0U		5U		1U
1,3-DICHLOROPROPANE	UG/L		5U		1U		1.0U		5U		1U
1,4-DICHLOROBENZENE	UG/L		5U		1U		1.0U		5U		1U
2,2-DICHLOROPROPANE	UG/L		5U		1U		1.0U		5U		1U
2-BUTANONE	UG/L		25U		5U		5U		25U		5U
2-CHLOROTOLUENE	UG/L		5U		1U		1.0U		5U		1U
4-CHLOROTOLUENE	UG/L		5U		1U		1.0U		5U		1U
ACETONE	UG/L		25UJ		5U		5UJ		25U		5U
BENZENE	UG/L		5U		1U		1.0U		5U		1U
BROMOBENZENE	UG/L		5U		1U		1.0U		5U		1U
BROMOCHLOROMETHANE	UG/L		5U		1U		1.0U		5U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-296B		2-297B		2-298B		2-299B		2-300B	
	SampleNumber	UT2302		UT2355		UT2303		UT2441		UT2346	
	SampleDate	10-SEP-97		16-SEP-97		10-SEP-97		25-SEP-97		15-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		5U		1U		1.0U		5U		1U
BROMOFORM	UG/L		5U		1U		1.0U		5U		1U
BROMOMETHANE	UG/L		5U		1U		1U		5U		1U
CARBON TETRACHLORIDE	UG/L		5U		1U		1.0U		5U		1U
CHLOROBENZENE	UG/L		19=		1U		1.0U		5U		1U
CHLOROETHANE	UG/L		5U		1U		1.0U		5U		1U
CHLOROFORM	UG/L		5U		1U		1.0U		5U		1U
CHLOROMETHANE	UG/L		5U		1U		1U		5U		1U
CIS-1,2-DICHLOROETHENE	UG/L		260=		1U		1.0UJ		5U		1U
DIBROMOCHLOROMETHANE	UG/L		5U		1U		1.0U		5U		1U
DIBROMOMETHANE	UG/L		5U		1U		1.0U		5U		1U
DICHLORODIFLUOROMETHANE	UG/L		5UJ		1U		1UJ		5U		1U
ETHYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
HEXACHLOROBUTADIENE	UG/L		5U		1U		1.0U		5U		1U
ISOPROPYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
M,P-XYLENE	UG/L		5U		1U		1.0U		5U		1U
METHYLENE CHLORIDE	UG/L		5U		1U		1.0U		16=		1U
N-BUTYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
N-PROPYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
NAPHTHALENE	UG/L		5U		1U		1.0U		5U		1U
O-XYLENE	UG/L		5U		1U		1U		5U		1U
P-ISOPROPYLTOLUENE	UG/L		5U		1U		1.0U		5U		1U
SEC-BUTYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
STYRENE	UG/L		5U		1U		1.0U		5U		1U
TERT-BUTYLBENZENE	UG/L		5U		1U		1.0U		5U		1U
TETRACHLOROETHENE	UG/L		5U		1U		1.0U		5U		1U
TOLUENE	UG/L		5U		1U		1.0U		5U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		5U		1U		1.0U		5U		1U
TRICHLOROETHENE	UG/L		10U		1U		1.0U		120=		1U
TRICHLOROFLUOROMETHANE	UG/L		5U		1U		1U		5U		1U
VINYL CHLORIDE	UG/L		5U		1U		1U		5U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-310B		2-311B	
	SampleNumber	UT2140		UT2035		UT2442		UT2499		UT2500	
	SampleDate	25-AUG-97		12-AUG-97		25-SEP-97		30-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1.0U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1.0U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1.0U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1.0U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1.0U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-310B		2-311B	
	SampleNumber	UT2140		UT2035		UT2442		UT2499		UT2500	
	SampleDate	25-AUG-97		12-AUG-97		25-SEP-97		30-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1.0U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1.0U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1.0U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1.0U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
CHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1.0U
DIBROMOMETHANE	UG/L		1U		1U		1U		1.0U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1.0U		1.0U
METHYLENE CHLORIDE	UG/L		1U		1U		0.7J		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1.0U		1.0U
O-XYLENE	UG/L		1U		1U		1U		1.0U		1.0U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
STYRENE	UG/L		1U		1U		1U		1.0U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U
TETRACHLOROETHENE	UG/L		1U		6=		1U		1.0U		1.0U
TOLUENE	UG/L		1U		1U		1U		1.0U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U
TRICHLOROETHENE	UG/L		1U		170=		1U		1.0U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B		2-328B		2-329B		2-333B		2-334B	
	SampleNumber	MS2061		UT2549		UT2550		UT2359		UT2357	
	SampleDate	22-OCT-97		03-OCT-97		03-OCT-97		16-SEP-97		16-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,1,1-TRICHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,1,2-TRICHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,1-DICHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,1-DICHLOROETHENE	UG/L		2.0U		25U		1U		5U		1U
1,1-DICHLOROPROPENE	UG/L		2.0U		25U		1U		5U		1U
1,2,3-TRICHLOROBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,2,3-TRICHLOROPROPANE	UG/L		2.0U		25U		1U		5U		1U
1,2,4-TRICHLOROBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		2.0U		25U		1U		5U		1U
1,2-DIBROMOETHANE	UG/L		2.0U		25U		1U		5U		1U
1,2-DICHLOROBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,2-DICHLOROETHANE	UG/L		2.0U		25U		1U		5U		1U
1,2-DICHLOROPROPANE	UG/L		2.0U		25U		1U		5U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,3-DICHLOROBENZENE	UG/L		2.0U		25U		1U		5U		1U
1,3-DICHLOROPROPANE	UG/L		2.0U		25U		1U		5U		1U
1,4-DICHLOROBENZENE	UG/L		2.0U		25U		1U		5U		1U
2,2-DICHLOROPROPANE	UG/L		2.0U		25U		1U		5U		1U
2-BUTANONE	UG/L		12U		120U		5U		25U		5U
2-CHLOROTOLUENE	UG/L		2.0U		25U		1U		5U		1U
4-CHLOROTOLUENE	UG/L		2.0U		25U		1U		5U		1U
ACETONE	UG/L		12U		120U		5U		25U		5U
BENZENE	UG/L		2.0U		25U		1U		5U		1U
BROMOBENZENE	UG/L		2.0U		25U		1U		5U		1U
BROMOCHLOROMETHANE	UG/L		2.0U		25U		1U		5U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B		2-328B		2-329B	2-333B		2-334B	
	SampleNumber	MS2061		UT2549		UT2550	UT2359		UT2357	
	SampleDate	22-OCT-97		03-OCT-97		03-OCT-97	16-SEP-97		16-SEP-97	
	Aquifer Zone	USZ		USZ		USZ	USZ		USZ	
Parameter	**Units**									
BROMODICHLOROMETHANE	UG/L		2.0U		25U	1U		5U		1U
BROMOFORM	UG/L		2.0U		25U	1U		5U		1U
BROMOMETHANE	UG/L		2.0U		25U	1U		5U		1U
CARBON TETRACHLORIDE	UG/L		2.0J		25U	1U		5U		1U
CHLOROBENZENE	UG/L		2.0U		25U	1U		7=		1U
CHLOROETHANE	UG/L		2.0U		25U	1U		5U		1U
CHLOROFORM	UG/L		3.0J		22J	1U		5U		1U
CHLOROMETHANE	UG/L		2.0U		25U	1U		5U		1U
CIS-1,2-DICHLOROETHENE	UG/L		2.0U		120=	1U		74=		1U
DIBROMOCHLOROMETHANE	UG/L		2.0U		25U	1U		5U		1U
DIBROMOMETHANE	UG/L		2.0U		25U	1U		5U		1U
DICHLORODIFLUOROMETHANE	UG/L		2.0U		25U	1U		5U		1U
ETHYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
HEXACHLOROBUTADIENE	UG/L		2.0U		25U	1U		5U		1U
ISOPROPYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
M,P-XYLENE	UG/L		2.0U		25U	1U		5U		1U
METHYLENE CHLORIDE	UG/L		3.0=		25U	0.7J		5U		1U
N-BUTYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
N-PROPYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
NAPHTHALENE	UG/L		2.0U		25U	1U		5U		1U
O-XYLENE	UG/L		2.0U		25U	1U		5U		1U
P-ISOPROPYLTOLUENE	UG/L		2.0U		25U	1U		5U		1U
SEC-BUTYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
STYRENE	UG/L		2.0U		25U	1U		5U		1U
TERT-BUTYLBENZENE	UG/L		2.0U		25U	1U		5U		1U
TETRACHLOROETHENE	UG/L		2.0U		25U	1U		5U		1U
TOLUENE	UG/L		2.0U		25U	1U		5U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		2.0U		25U	1U		5U		1U
TRICHLOROETHENE	UG/L		57=		440=	1.0U		5U		1U
TRICHLOROFLUOROMETHANE	UG/L		2.0U		25U	1U		5U		1U
VINYL CHLORIDE	UG/L		2.0U		25U	1U		5U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-335B		2-62B		2-63B		2-64B		2-65B	
	SampleNumber	UT2356		UT2280		UT2282		UT2284		UT2272	
	SampleDate	16-SEP-97		09-SEP-97		09-SEP-97		11-SEP-97		08-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		250U		25U		50U		2U
1,1,1-TRICHLOROETHANE	UG/L		1U		250U		25U		50U		2U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		250U		25U		50U		2U
1,1,2-TRICHLOROETHANE	UG/L		1U		250U		25U		50U		2U
1,1-DICHLOROETHANE	UG/L		1U		250U		25U		50U		2U
1,1-DICHLOROETHENE	UG/L		1U		250U		25U		50U		2U
1,1-DICHLOROPROPENE	UG/L		1U		250U		25U		50U		2U
1,2,3-TRICHLOROBENZENE	UG/L		1U		250U		25U		50U		2U
1,2,3-TRICHLOROPROPANE	UG/L		1U		250U		25U		50U		2U
1,2,4-TRICHLOROBENZENE	UG/L		1U		250U		25U		50U		2U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		250U		25U		50U		2U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		250U		25U		50UJ		2U
1,2-DIBROMOETHANE	UG/L		1U		250U		25U		50U		2U
1,2-DICHLOROBENZENE	UG/L		1U		230J		25U		50U		6=
1,2-DICHLOROETHANE	UG/L		1U		250U		25U		50U		7=
1,2-DICHLOROPROPANE	UG/L		1U		250U		25U		50U		2U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		250U		25U		50U		2U
1,3-DICHLOROBENZENE	UG/L		1U		250U		25U		50U		2U
1,3-DICHLOROPROPANE	UG/L		1U		250U		25U		50U		2U
1,4-DICHLOROBENZENE	UG/L		1U		250U		25U		50U		2J
2,2-DICHLOROPROPANE	UG/L		1U		250U		25U		50U		2U
2-BUTANONE	UG/L		5U		1200U		120U		250U		12U
2-CHLOROTOLUENE	UG/L		1U		250U		25U		50U		2U
4-CHLOROTOLUENE	UG/L		1U		250U		25U		50U		2U
ACETONE	UG/L		5U		1200U		120U		250U		12U
BENZENE	UG/L		1U		250U		25U		50U		2U
BROMOBENZENE	UG/L		1U		250U		25U		50U		2U
BROMOCHLOROMETHANE	UG/L		1U		250U		25U		50U		2U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-335B		2-62B		2-63B		2-64B		2-65B	
	SampleNumber	UT2356		UT2280		UT2282		UT2284		UT2272	
	SampleDate	16-SEP-97		09-SEP-97		09-SEP-97		11-SEP-97		08-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		250U		25U		50U		2U
BROMOFORM	UG/L		1U		250U		25U		50U		2U
BROMOMETHANE	UG/L		1U		250U		25U		50U		2U
CARBON TETRACHLORIDE	UG/L		1U		250U		25U		50U		2U
CHLOROBENZENE	UG/L		1U		250U		25U		50U		16=
CHLOROETHANE	UG/L		1U		250U		25U		50U		2U
CHLOROFORM	UG/L		1U		250U		25U		50U		2U
CHLOROMETHANE	UG/L		1U		250U		25U		50U		2U
CIS-1,2-DICHLOROETHENE	UG/L		1U		890=		120=		170=		54=
DIBROMOCHLOROMETHANE	UG/L		1U		250U		25U		50U		2U
DIBROMOMETHANE	UG/L		1U		250U		25U		50U		2U
DICHLORODIFLUOROMETHANE	UG/L		1U		250U		25U		50U		2U
ETHYLBENZENE	UG/L		1U		250U		25U		50U		2U
HEXACHLOROBUTADIENE	UG/L		1U		250U		25U		50U		2U
ISOPROPYLBENZENE	UG/L		1U		250U		25U		50U		2U
M,P-XYLENE	UG/L		1U		250U		25U		50U		2U
METHYLENE CHLORIDE	UG/L		1U		210J		18J		74=		2U
N-BUTYLBENZENE	UG/L		1U		250U		25U		50U		2U
N-PROPYLBENZENE	UG/L		1U		250U		25U		50U		2U
NAPHTHALENE	UG/L		1U		250U		25U		50U		2U
O-XYLENE	UG/L		1U		250U		25U		50U		2U
P-ISOPROPYLTOLUENE	UG/L		1U		250U		25U		50U		2U
SEC-BUTYLBENZENE	UG/L		1U		250U		25U		50U		2U
STYRENE	UG/L		1U		250U		25U		50U		2U
TERT-BUTYLBENZENE	UG/L		1U		250U		25U		50U		2U
TETRACHLOROETHENE	UG/L		1U		250U		25U		50U		51=
TOLUENE	UG/L		1U		250U		25U		50U		2U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		250U		25U		50U		3=
TRICHLOROETHENE	UG/L		1U		5900=		560=		1100=		88=
TRICHLOROFLUOROMETHANE	UG/L		1U		250U		24J		50U		2U
VINYL CHLORIDE	UG/L		1U		250U		25U		50U		2U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B		2-67A		2-67B		2-68A		2-68B	
	SampleNumber	UT2396		UT2397		UT2398		UT2399		UT2400	
	SampleDate	19-SEP-97		19-SEP-97		19-SEP-97		19-SEP-97		19-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		25U		1U		2U		5U
1,1,1-TRICHLOROETHANE	UG/L		1U		25U		1U		2U		4J
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		25U		1U		2U		5U
1,1,2-TRICHLOROETHANE	UG/L		1U		25U		1U		2U		5U
1,1-DICHLOROETHANE	UG/L		1U		25U		1U		4=		7=
1,1-DICHLOROETHENE	UG/L		1U		25U		1U		2J		44=
1,1-DICHLOROPROPENE	UG/L		1U		25U		1U		2U		5U
1,2,3-TRICHLOROBENZENE	UG/L		1U		25U		1U		2U		5U
1,2,3-TRICHLOROPROPANE	UG/L		1U		25U		1U		2U		5U
1,2,4-TRICHLOROBENZENE	UG/L		1U		25U		1U		2U		5U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		25U		1U		2U		5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		25U		1U		2U		5U
1,2-DIBROMOETHANE	UG/L		1U		25U		1U		2U		5U
1,2-DICHLOROBENZENE	UG/L		1U		25U		1U		1J		5U
1,2-DICHLOROETHANE	UG/L		1U		25U		1U		13=		5U
1,2-DICHLOROPROPANE	UG/L		1U		25U		1U		2U		14=
1,3,5-TRIMETHYLBENZENE	UG/L		1U		25U		1U		2U		5U
1,3-DICHLOROBENZENE	UG/L		1U		25U		1U		2U		5U
1,3-DICHLOROPROPANE	UG/L		1U		25U		1U		2U		5U
1,4-DICHLOROBENZENE	UG/L		1U		25U		1U		2U		5U
2,2-DICHLOROPROPANE	UG/L		1U		25U		1U		2U		5U
2-BUTANONE	UG/L		5U		120U		5U		12U		25U
2-CHLOROTOLUENE	UG/L		1U		25U		1U		2U		5U
4-CHLOROTOLUENE	UG/L		1U		25U		1U		2U		5U
ACETONE	UG/L		5U		120U		5U		12U		25U
BENZENE	UG/L		1U		25U		1U		50=		5U
BROMOBENZENE	UG/L		1U		25U		1U		2U		5U
BROMOCHLOROMETHANE	UG/L		1U		25U		1U		2U		5U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B		2-67A		2-67B		2-68A		2-68B	
	SampleNumber	UT2396		UT2397		UT2398		UT2399		UT2400	
	SampleDate	19-SEP-97		19-SEP-97		19-SEP-97		19-SEP-97		19-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		25U		1U		2U		5U
BROMOFORM	UG/L		1U		25U		1U		2U		5U
BROMOMETHANE	UG/L		1U		25U		1U		2U		5U
CARBON TETRACHLORIDE	UG/L		1U		260=		1U		2U		5U
CHLOROBENZENE	UG/L		1U		25U		1U		2U		5U
CHLOROETHANE	UG/L		1U		25U		1U		2U		5U
CHLOROFORM	UG/L		1U		490=		0.9J		2U		5J
CHLOROMETHANE	UG/L		1U		25U		1U		2U		5U
CIS-1,2-DICHLOROETHENE	UG/L		1U		25U		1U		59=		13=
DIBROMOCHLOROMETHANE	UG/L		1U		25U		1U		2U		5U
DIBROMOMETHANE	UG/L		1U		25U		1U		2U		5U
DICHLORODIFLUOROMETHANE	UG/L		1U		25U		1U		5=		5U
ETHYLBENZENE	UG/L		1U		25U		1U		6=		5U
HEXACHLOROBUTADIENE	UG/L		1U		25U		1U		2U		5U
ISOPROPYLBENZENE	UG/L		1U		25U		1U		6=		5U
M,P-XYLENE	UG/L		1U		25U		1U		2U		5U
METHYLENE CHLORIDE	UG/L		1U		25U		1U		2U		5U
N-BUTYLBENZENE	UG/L		1U		25U		1U		2U		5U
N-PROPYLBENZENE	UG/L		1U		25U		1U		2U		5U
NAPHTHALENE	UG/L		1U		25U		1U		2U		5U
O-XYLENE	UG/L		1U		25U		1U		2U		5U
P-ISOPROPYLTOLUENE	UG/L		1U		25U		1U		2U		5U
SEC-BUTYLBENZENE	UG/L		1U		25U		1U		3=		5U
STYRENE	UG/L		1U		25U		1U		2U		5U
TERT-BUTYLBENZENE	UG/L		1U		25U		1U		2U		5U
TETRACHLOROETHENE	UG/L		1U		13J		4=		2U		87=
TOLUENE	UG/L		1U		25U		1U		1J		5U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		25U		1U		2U		5U
TRICHLOROETHENE	UG/L		1U		46=		1U		14=		7=
TRICHLOROFLUOROMETHANE	UG/L		1U		25U		1U		2U		5U
VINYL CHLORIDE	UG/L		1U		25U		1U		21=		5U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	SampleNumber	UT2471		UT2488		MS2022		MS2026		UT2505	
	SampleDate	29-SEP-97		30-SEP-97		17-OCT-97		17-OCT-97		01-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1.0U		1.0U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1.0U		1.0U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1.0U		1.0U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1.0U		1.0U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2-DIBROMOETHANE	UG/L		1.0U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2-DICHLOROETHANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1.0U		1.0U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1.0U		1.0U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1.0U		1.0U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1.0U		1.0U		1U		1.0U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
BROMOBENZENE	UG/L		1.0U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1.0U		1U		1U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	SampleNumber	UT2471		UT2488		MS2022		MS2026		UT2505	
	SampleDate	29-SEP-97		30-SEP-97		17-OCT-97		17-OCT-97		01-OCT-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1.0U		1.0U		1U		1U		1U
BROMOFORM	UG/L		1.0U		1.0U		1U		1U		1U
BROMOMETHANE	UG/L		1.0U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1.0U		1.0U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
CHLOROETHANE	UG/L		1.0U		1.0U		1U		1.0U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		0.6J
CHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1.0U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1.0U		1U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1.0U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1.0U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1.0U		1U		1.0U		1U
METHYLENE CHLORIDE	UG/L		1.0U		1.0U		1=		1J		1U
N-BUTYLBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
N-PROPYLBENZENE	UG/L		1U		1.0U		1U		1.0U		1U
NAPHTHALENE	UG/L		1.0U		1.0U		1U		1.0U		1U
O-XYLENE	UG/L		1.0U		1.0U		1U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		1.0U		1.0U		1U		1.0U		1U
SEC-BUTYLBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
STYRENE	UG/L		1.0U		1.0U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1.0U		1.0U		1U		1.0U		1U
TETRACHLOROETHENE	UG/L		1.0U		1.0U		1U		1.0U		1U
TOLUENE	UG/L		1.0U		1.0U		1U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1.0U		1U		1U		1U
TRICHLOROETHENE	UG/L		1.0U		1.0U		1U		1.0U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1.0U		1U		1U		1U
VINYL CHLORIDE	UG/L		1.0U		1.0U		1U		1.0U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		46AR		47AR		4AR		59B	
	SampleNumber	UT2286		UT2453		UT2423		UT2474		UT2310	
	SampleDate	09-SEP-97		26-SEP-97		23-SEP-97		29-SEP-97		11-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		100U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		100U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		100U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		100U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		100U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		100U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		100U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		100U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		100UJ
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		100U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		100U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		100UJ
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		100U
1,2-DICHLOROBENZENE	UG/L		1=		1U		1U		1.0U		100U
1,2-DICHLOROETHANE	UG/L		11=		18=		1U		1.0U		100U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		100U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		100U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		100U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		100U
1,4-DICHLOROBENZENE	UG/L		0.6J		1U		1U		1U		100U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		100U
2-BUTANONE	UG/L		5U		5U		5U		5U		500U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		100U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		100U
ACETONE	UG/L		5U		5U		5U		5U		500U
BENZENE	UG/L		1=		1U		1U		1.0U		100U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		100U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		100U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR	46AR	47AR	4AR	59B
	SampleNumber	UT2286	UT2453	UT2423	UT2474	UT2310
	SampleDate	09-SEP-97	26-SEP-97	23-SEP-97	29-SEP-97	11-SEP-97
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
BROMODICHLOROMETHANE	UG/L	1U	1U	1U	1.0U	100U
BROMOFORM	UG/L	1U	1U	1U	1.0U	100U
BROMOMETHANE	UG/L	1U	1U	1U	1.0U	100U
CARBON TETRACHLORIDE	UG/L	1U	1U	1U	1.0U	100U
CHLOROBENZENE	UG/L	18=	0.7J	1U	1U	100U
CHLOROETHANE	UG/L	1U	1U	1U	1.0U	100U
CHLOROFORM	UG/L	1U	1U	1U	1U	100U
CHLOROMETHANE	UG/L	1U	1U	1U	1.0U	100U
CIS-1,2-DICHLOROETHENE	UG/L	150=	29=	1U	1U	120=
DIBROMOCHLOROMETHANE	UG/L	1U	1U	1U	1.0U	100U
DIBROMOMETHANE	UG/L	1U	1U	1U	1.0U	100U
DICHLORODIFLUOROMETHANE	UG/L	1U	1U	1U	1U	100U
ETHYLBENZENE	UG/L	1U	1U	1U	1.0U	100U
HEXACHLOROBUTADIENE	UG/L	1U	1U	1U	1U	100U
ISOPROPYLBENZENE	UG/L	1U	1U	1U	1U	100U
M,P-XYLENE	UG/L	1U	1U	1U	1.0U	100U
METHYLENE CHLORIDE	UG/L	1U	1=	2=	1.0U	100U
N-BUTYLBENZENE	UG/L	1U	1U	1U	1.0U	100U
N-PROPYLBENZENE	UG/L	1U	1U	1U	1U	100U
NAPHTHALENE	UG/L	1U	1U	1U	1.0U	100U
O-XYLENE	UG/L	1U	1U	1U	1.0U	100U
P-ISOPROPYLTOLUENE	UG/L	1U	1U	1U	1.0U	100U
SEC-BUTYLBENZENE	UG/L	1U	1U	1U	1.0U	100U
STYRENE	UG/L	1U	1U	1U	1.0U	100U
TERT-BUTYLBENZENE	UG/L	1U	1U	1U	1.0U	100U
TETRACHLOROETHENE	UG/L	1U	1U	1U	1.0U	100U
TOLUENE	UG/L	1U	1U	1U	1.0U	100U
TRANS-1,2-DICHLOROETHENE	UG/L	1U	1U	1U	1.0U	100U
TRICHLOROETHENE	UG/L	11=	3=	1U	1.0U	2400=
TRICHLOROFLUOROMETHANE	UG/L	1U	1U	1U	1U	100UJ
VINYL CHLORIDE	UG/L	1U	1U	1U	1U	100U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5AR		5C		6		60B		61A	
	SampleNumber	UT2337		UT2339		UT2141		UT2371		UT2496	
	SampleDate	15-SEP-97		15-SEP-97		25-AUG-97		17-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		50U		1U		1.0U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		50U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		50U		1U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		50U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		1U		1U		50U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		50U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		50U		1U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		50U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		50U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		50U		1U		0.9J
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		50U		1U		1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		50U		1U		1.0U
1,2-DIBROMOETHANE	UG/L		1U		1U		50U		1U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		50U		1U		1.0U
1,2-DICHLOROETHANE	UG/L		16=		26=		50U		1U		1.0U
1,2-DICHLOROPROPANE	UG/L		1U		1U		50U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		50U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		50U		1U		1.0U
1,3-DICHLOROPROPANE	UG/L		1U		1U		50U		1U		1.0U
1,4-DICHLOROBENZENE	UG/L		1U		1U		50U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		50U		1U		1U
2-BUTANONE	UG/L		5U		5U		250U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		50U		1U		1.0U
4-CHLOROTOLUENE	UG/L		1U		1U		50U		1U		1.0U
ACETONE	UG/L		5U		5U		250U		5U		5U
BENZENE	UG/L		1U		1U		50U		1U		1.0U
BROMOBENZENE	UG/L		1U		1U		50U		1U		1.0U
BROMOCHLOROMETHANE	UG/L		1U		1U		50U		1U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	5AR		5C		6		60B		61A	
	SampleNumber	UT2337		UT2339		UT2141		UT2371		UT2496	
	SampleDate	15-SEP-97		15-SEP-97		25-AUG-97		17-SEP-97		30-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
BROMODICHLOROMETHANE	UG/L		1U		1U		50U		1U		1.0U
BROMOFORM	UG/L		1U		1U		50U		1U		1.0U
BROMOMETHANE	UG/L		1U		1U		50U		1U		1.0U
CARBON TETRACHLORIDE	UG/L		1U		1U		50U		1U		1.0U
CHLOROBENZENE	UG/L		1U		1U		50U		6=		1U
CHLOROETHANE	UG/L		1U		1U		50U		1U		1.0U
CHLOROFORM	UG/L		1U		1U		50U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		50U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		10=		6=		1100=		10=		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		50U		1U		1.0U
DIBROMOMETHANE	UG/L		1U		1U		50U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		50U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		50U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		50U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		50U		1U		1U
M,P-XYLENE	UG/L		1U		1U		50U		1U		1.0U
METHYLENE CHLORIDE	UG/L		1U		1U		50U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		50U		1U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		50U		1U		1U
NAPHTHALENE	UG/L		1U		1U		50U		1U		1.0U
O-XYLENE	UG/L		1U		1U		50U		1U		1.0U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		50U		1U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		50U		1U		1.0U
STYRENE	UG/L		1U		1U		50U		1U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		50U		1U		1.0U
TETRACHLOROETHENE	UG/L		1U		1U		50U		1U		1.0U
TOLUENE	UG/L		1U		1U		50U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1J		1U		50U		1U		1.0U
TRICHLOROETHENE	UG/L		2=		1J		140=		4=		3=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		50U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		140=		2=		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	62		7		75B		76A		77A		78A	
	SampleNumber	UT2463		UT2144		UT2435		UT2477		UT2481		UT2340	
	SampleDate	26-SEP-97		25-AUG-97		25-SEP-97		29-SEP-97		29-SEP-97		15-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,1,1-TRICHLOROETHANE	UG/L		5U		1U		5U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		5U		1U		5U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2-DIBROMOETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2-DICHLOROBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,2-DICHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1.0U
1,2-DICHLOROPROPANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		5U		1U		5U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,3-DICHLOROPROPANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		5U		1U		5U		2=		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		5U		1U		5U		1U		1U		1U
2-BUTANONE	UG/L		25U		5U		25U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
4-CHLOROTOLUENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
ACETONE	UG/L		25U		5U		25U		5U		5U		5U
BENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
BROMOBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
BROMOCHLOROMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	62		7		75B		76A		77A		78A	
	SampleNumber	UT2463		UT2144		UT2435		UT2477		UT2481		UT2340	
	SampleDate	26-SEP-97		25-AUG-97		25-SEP-97		29-SEP-97		29-SEP-97		15-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
BROMODICHLOROMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
BROMOFORM	UG/L		5U		1U		5U		1.0U		1.0U		1U
BROMOMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
CARBON TETRACHLORIDE	UG/L		5U		1U		5U		1.0U		1.0U		1U
CHLOROBENZENE	UG/L		5U		4=		5U		3=		1U		1U
CHLOROETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
CHLOROFORM	UG/L		5U		1U		5U		1U		1U		1U
CHLOROMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
CIS-1,2-DICHLOROETHENE	UG/L		6=		1U		12=		1=		1U		2=
DIBROMOCHLOROMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
DIBROMOMETHANE	UG/L		5U		1U		5U		1.0U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		10=		1U		5U		1U		1U		1U
ETHYLBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		5U		1U		5U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		5U		1U		5U		1U		1U		1U
M,P-XYLENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
METHYLENE CHLORIDE	UG/L		9=		1U		6=		1.0U		1.0U		1U
N-BUTYLBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
N-PROPYLBENZENE	UG/L		5U		1U		5U		1U		1U		1U
NAPHTHALENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
O-XYLENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
SEC-BUTYLBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
STYRENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
TERT-BUTYLBENZENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
TETRACHLOROETHENE	UG/L		95=		1U		5U		1.0U		1.0U		1U
TOLUENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		5U		1U		5U		1.0U		1.0U		1U
TRICHLOROETHENE	UG/L		5U		1U		160=		1.0U		1.0U		36=
TRICHLOROFLUOROMETHANE	UG/L		5U		1U		5U		1U		1U		1U
VINYL CHLORIDE	UG/L		5U		1U		5U		1=		1.0U		1U

NA-Not Analyzed

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		83BR		84B		85C		86B		9A	
	SampleNumber	UT2367		UT2437		UT2352		UT2329		UT2344		UT2324	
	SampleDate	17-SEP-97		25-SEP-97		16-SEP-97		12-SEP-97		15-SEP-97		12-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1U
1,1-DICHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		250U		10U		10U		10U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		250U		10U		10U		10U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		250U		10U		10U		10U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		250U		10U		10U		10U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		250U		10U		10U		10U		1U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		250U		10U		10U		10U		1U		1U
1,2-DIBROMOETHANE	UG/L		250U		10U		10U		10U		1U		1U
1,2-DICHLOROBENZENE	UG/L		250U		10U		10U		10U		1U		1U
1,2-DICHLOROETHANE	UG/L		250U		10U		10U		10U		0.8J		1U
1,2-DICHLOROPROPANE	UG/L		250U		10U		10U		10U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
1,3-DICHLOROBENZENE	UG/L		250U		10U		10U		10U		1U		1U
1,3-DICHLOROPROPANE	UG/L		250U		10U		10U		10U		1U		1U
1,4-DICHLOROBENZENE	UG/L		250U		10U		10U		10U		1U		1U
2,2-DICHLOROPROPANE	UG/L		250U		10U		10U		10U		1U		1U
2-BUTANONE	UG/L		1200U		50U		50U		50U		5U		5U
2-CHLOROTOLUENE	UG/L		250U		10U		10U		10U		1U		1U
4-CHLOROTOLUENE	UG/L		250U		10U		10U		10U		1U		1U
ACETONE	UG/L		1200U		50U		50U		50U		5U		5U
BENZENE	UG/L		250U		10U		10U		10U		1U		1U
BROMOBENZENE	UG/L		250U		10U		10U		10U		1U		1U
BROMOCHLOROMETHANE	UG/L		250U		10U		10U		10U		1U		1.0U

TABLE A.10

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		83BR		84B		85C		86B		9A	
	SampleNumber	UT2367		UT2437		UT2352		UT2329		UT2344		UT2324	
	SampleDate	17-SEP-97		25-SEP-97		16-SEP-97		12-SEP-97		15-SEP-97		12-SEP-97	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
BROMODICHLOROMETHANE	UG/L		250U		10U		10U		10U		1U		1U
BROMOFORM	UG/L		250U		10U		10U		10U		1U		1U
BROMOMETHANE	UG/L		250U		10U		10U		10U		1U		1U
CARBON TETRACHLORIDE	UG/L		250U		10U		10U		10U		1U		1U
CHLOROBENZENE	UG/L		250U		10U		10U		10U		2=		1U
CHLOROETHANE	UG/L		250U		10U		10U		10U		1U		1.0U
CHLOROFORM	UG/L		250U		6J		10U		10U		1U		1U
CHLOROMETHANE	UG/L		250U		10U		10U		10U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		250U		10U		10U		10U		6=		2=
DIBROMOCHLOROMETHANE	UG/L		250U		10U		10U		10U		1U		1U
DIBROMOMETHANE	UG/L		250U		10U		10U		10U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		250U		10U		10U		10U		1U		1U
ETHYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
HEXACHLOROBUTADIENE	UG/L		250U		10U		10U		10U		1U		1.0U
ISOPROPYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
M,P-XYLENE	UG/L		250U		10U		10U		10U		1U		1.0U
METHYLENE CHLORIDE	UG/L		250U		12=		10U		10U		1U		1U
N-BUTYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
N-PROPYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
NAPHTHALENE	UG/L		250U		10U		10U		10U		1U		1.0U
O-XYLENE	UG/L		250U		10U		10U		10U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		250U		10U		10U		10U		1U		1U
SEC-BUTYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
STYRENE	UG/L		250U		10U		10U		10U		1U		1U
TERT-BUTYLBENZENE	UG/L		250U		10U		10U		10U		1U		1U
TETRACHLOROETHENE	UG/L		250U		10U		10U		10U		1U		1U
TOLUENE	UG/L		250U		10U		10U		10U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		250U		10U		10U		10U		3=		1.0U
TRICHLOROETHENE	UG/L		7200=		200=		170=		250=		1U		2=
TRICHLOROFLUOROMETHANE	UG/L		250U		10U		10U		10U		1U		1U
VINYL CHLORIDE	UG/L		250U		10U		10U		10U		4=		1U

NA-Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1-65C		1-65C		1-66A		1-66A	
	SampleNumber	UT2386		UT2010		MS2171		UT1575		MS2179		UT1598	
	SampleDate	18-SEP-97		12-AUG-97		03-NOV-97		25-JUN-97		04-NOV-97		27-JUN-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0UJ		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5.0U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
ACETONE	UG/L		5U		5U		5U		5.0UJ		5U		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1UJ		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	11B		13A		1-65C		1-65C		1-66A		1-66A	
	SampleNumber	UT2386		UT2010		MS2171		UT1575		MS2179		UT1598	
	SampleDate	18-SEP-97		12-AUG-97		03-NOV-97		25-JUN-97		04-NOV-97		27-JUN-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1.0U		1UJ		1U
CHLOROFORM	UG/L		1U		1U		1UJ		1.0U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1.0UJ		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1.0U		1UJ		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		1.0U		1U		3=
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1.0UJ		1.0U		1U
O-XYLENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
STYRENE	UG/L		1U		1U		1U		1.0U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1.0U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		0.9J
VINYL CHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-66C		1-67A		1-67A		1-67C		1-67C	
	SampleNumber	MS2181		UT1600		MS2202		UT1621		MS2204		UT1623	
	SampleDate	04-NOV-97		27-JUN-97		06-NOV-97		30-JUN-97		06-NOV-97		30-JUN-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		0.6J
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1UJ		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C		1-66C		1-67A		1-67A		1-67C		1-67C	
	SampleNumber	MS2181		UT1600		MS2202		UT1621		MS2204		UT1623	
	SampleDate	04-NOV-97		27-JUN-97		06-NOV-97		30-JUN-97		06-NOV-97		30-JUN-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1UJ		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1UJ		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		3=		5=		2=		2=		3=
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		0.8J		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1C		2-106A		2-111A		2-112A		2-113A		2-114A	
	SampleNumber	UT2323		UT2065		UT2068		UT2015		UT2017		UT2020	
	SampleDate	12-SEP-97		15-AUG-97		15-AUG-97		11-AUG-97		12-AUG-97		11-AUG-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHANE	UG/L		1.0U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1=		1U		1U		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5UJ		5UJ		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1C		2-106A		2-111A		2-112A		2-113A		2-114A	
	SampleNumber	UT2323		UT2065		UT2068		UT2015		UT2017		UT2020	
	SampleDate	12-SEP-97		15-AUG-97		15-AUG-97		11-AUG-97		12-AUG-97		11-AUG-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1.0U		1UJ		1UJ		1.0U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		0.7U		2U		1.0U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U		6=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-115A		2-12		2-122C		2-123C		2-124C		2-124D	
	SampleNumber	UT2133		UT2460		UT2459		UT2493		UT2389		UT2390	
	SampleDate	25-AUG-97		26-SEP-97		26-SEP-97		30-SEP-97		18-SEP-97		18-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		2=		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-115A		2-12		2-122C		2-123C		2-124C		2-124D	
	SampleNumber	UT2133		UT2460		UT2459		UT2493		UT2389		UT2390	
	SampleDate	25-AUG-97		26-SEP-97		26-SEP-97		30-SEP-97		18-SEP-97		18-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1.0U		1.0U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1.0U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1.0U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		2=		1=		1.0U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1.0U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1.0U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
STYRENE	UG/L		1U		1U		1U		1.0U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1=		1.0U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-125C		2-126C		2-127C		2-128C		2-129C		2-13	
	SampleNumber	UT2445		UT2416		UT2418		UT2295		UT2298		UT2461	
	SampleDate	25-SEP-97		22-SEP-97		22-SEP-97		10-SEP-97		10-SEP-97		26-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
ACETONE	UG/L		5U		5U		5U		5UJ		5UJ		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-125C		2-126C		2-127C		2-128C		2-129C		2-13	
	SampleNumber	UT2445		UT2416		UT2418		UT2295		UT2298		UT2461	
	SampleDate	25-SEP-97		22-SEP-97		22-SEP-97		10-SEP-97		10-SEP-97		26-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0UJ		1UJ		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1UJ		1UJ		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1.0U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1.0U		1U		1U
METHYLENE CHLORIDE	UG/L		1=		1U		1U		1.0U		1U		2=
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1.0U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1.0U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
STYRENE	UG/L		1U		1U		1U		1.0U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130C		2-131C		2-132C		2-133C		2-134A		2-135A	
	SampleNumber	UT2301		UT2315		UT2381		UT2429		UT2401		UT2404	
	SampleDate	10-SEP-97		11-SEP-97		18-SEP-97		23-SEP-97		19-SEP-97		19-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1,1-TRICHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1,2,2-TETRACHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1-DICHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1-DICHLOROETHENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,1-DICHLOROPROPENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2,3-TRICHLOROPROPANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2,4-TRIMETHYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1UJ		1U		1U		10U		25U
1,2-DIBROMOETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,2-DICHLOROETHANE	UG/L		1.0U		1U		1U		1U		100=		160=
1,2-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		10U		25U
1,3-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
1,3-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1U		10U		25U
1,4-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
2,2-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1U		10U		25U
2-BUTANONE	UG/L		5U		5U		5U		5U		50U		120U
2-CHLOROTOLUENE	UG/L		1.0U		1U		1U		1U		10U		25U
4-CHLOROTOLUENE	UG/L		1.0U		1U		1U		1U		10U		25U
ACETONE	UG/L		5UJ		5U		5U		5U		50U		120U
BENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
BROMOBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
BROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
BROMODICHLOROMETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
BROMOFORM	UG/L		1.0U		1U		1U		1U		10U		25U
BROMOMETHANE	UG/L		1U		1U		1U		1U		10U		25U
CARBON TETRACHLORIDE	UG/L		1.0U		1U		1U		1U		100=		200=
CHLOROBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130C		2-131C		2-132C		2-133C		2-134A		2-135A	
	SampleNumber	UT2301		UT2315		UT2381		UT2429		UT2401		UT2404	
	SampleDate	10-SEP-97		11-SEP-97		18-SEP-97		23-SEP-97		19-SEP-97		19-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
CHLOROFORM	UG/L		1.0U		1U		1U		1U		190=		510=
CHLOROMETHANE	UG/L		1U		1U		1U		1U		10U		25U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1.0U		1U		10U		25U
DIBROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
DIBROMOMETHANE	UG/L		1.0U		1U		1U		1U		10U		25U
DICHLORODIFLUOROMETHANE	UG/L		1UJ		1U		1U		1U		10U		25U
ETHYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
HEXACHLOROBUTADIENE	UG/L		1.0UJ		1U		1U		1U		10U		25U
ISOPROPYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
M,P-XYLENE	UG/L		1.0U		1U		1U		1U		10U		25U
METHYLENE CHLORIDE	UG/L		18UJ		3=		0.7J		2=		10U		25U
N-BUTYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
N-PROPYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
NAPHTHALENE	UG/L		1.0U		1U		1U		1U		10U		25U
O-XYLENE	UG/L		1.0U		1U		1U		1U		10U		25U
P-ISOPROPYLTOLUENE	UG/L		1.0U		1U		1U		1U		10U		25U
SEC-BUTYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
STYRENE	UG/L		1.0U		1U		1U		1U		10U		25U
TERT-BUTYLBENZENE	UG/L		1.0U		1U		1U		1U		10U		25U
TETRACHLOROETHENE	UG/L		1.0U		1U		1U		1U		10U		25U
TOLUENE	UG/L		1.0U		1U		1U		1U		10U		25U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1U		10U		25U
TRICHLOROETHENE	UG/L		1.0U		1U		1U		1U		27=		42=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		10U		25U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		10U		25U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-136A		2-136C		2-137A		2-137C		2-138A		2-139A	
	SampleNumber	UT2510		UT2512		UT2523		UT2525		UT2528		UT2531	
	SampleDate	01-OCT-97		01-OCT-97		02-OCT-97		02-OCT-97		02-OCT-97		02-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,1-DICHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2-DIBROMOETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,2-DICHLOROETHANE	UG/L		1=		1U		1.0U		1.0U		1.0U		1.0U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
4-CHLOROTOLUENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
BROMOBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
BROMOCHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
BROMODICHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
BROMOFORM	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
BROMOMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
CARBON TETRACHLORIDE	UG/L		0.6J		1U		1.0U		1.0U		1.0U		1.0U
CHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-136A		2-136C		2-137A		2-137C		2-138A		2-139A	
	SampleNumber	UT2510		UT2512		UT2523		UT2525		UT2528		UT2531	
	SampleDate	01-OCT-97		01-OCT-97		02-OCT-97		02-OCT-97		02-OCT-97		02-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		10=		1U		1.0U		1.0U		1.0U		1.0U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
ETHYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
M,P-XYLENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
METHYLENE CHLORIDE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
N-BUTYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
NAPHTHALENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
O-XYLENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
STYRENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U
TRICHLOROETHENE	UG/L		6=		1U		1.0U		1U		1U		2=
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1.0U		1.0U		1.0U		1.0U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-141A		2-142A		2-143A		2-143C		2-144A		2-144C	
	SampleNumber	UT2259		UT2263		UT2539		UT2541		UT2542		UT2544	
	SampleDate	08-SEP-97		08-SEP-97		03-OCT-97		03-OCT-97		03-OCT-97		03-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		25U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		25U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		25U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		25U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		25U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		25U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		25U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		25U		1U
1,2-DICHLOROETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		25U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		25U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		25U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1U		25U		1U
2-BUTANONE	UG/L		5U		5.0U		5U		5U		120U		5U
2-CHLOROTOLUENE	UG/L		1U		1.0U		1U		1U		25U		1U
4-CHLOROTOLUENE	UG/L		1U		1.0U		1U		1U		25U		1U
ACETONE	UG/L		5U		5U		5U		5U		120U		5U
BENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		25U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		25U		1U
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
BROMOFORM	UG/L		1U		1.0U		1U		1U		25U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		25U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		25U		1U
CHLOROBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-141A		2-142A		2-143A		2-143C		2-144A		2-144C	
	SampleNumber	UT2259		UT2263		UT2539		UT2541		UT2542		UT2544	
	SampleDate	08-SEP-97		08-SEP-97		03-OCT-97		03-OCT-97		03-OCT-97		03-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1U		25U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		47=		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		25U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1U		1U		25U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		25U		1U
DIBROMOMETHANE	UG/L		1U		1.0U		1U		1U		25U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		25U		1U
ETHYLBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1.0U		1U		1U		25U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		25U		1U
M,P-XYLENE	UG/L		1U		1.0U		1U		1U		25U		1U
METHYLENE CHLORIDE	UG/L		1=		2=		0.7J		0.9J		25U		1U
N-BUTYLBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
N-PROPYLBENZENE	UG/L		1U		1.0U		1U		1U		25U		1U
NAPHTHALENE	UG/L		1U		1.0U		1U		1U		25U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		25U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		25U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		25U		1U
STYRENE	UG/L		1U		1U		1U		1U		25U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		25U		1U
TETRACHLOROETHENE	UG/L		1U		1.0U		1U		1U		25U		1U
TOLUENE	UG/L		1U		1.0U		1U		1U		25U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		25U		1U
TRICHLOROETHENE	UG/L		1U		1.0U		6=		1U		430=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		25U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		25U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-147C		2-18		2-19A		2-20A		2-217C		2-21A	
	SampleNumber	UT2095		UT2464		UT2494		UT2465		UT2375		UT2135	
	SampleDate	19-AUG-97		26-SEP-97		30-SEP-97		26-SEP-97		17-SEP-97		25-AUG-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		2U		1U		2U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		2U		1.0U		2U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		2U		1.0U		2U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		2U		1U		2U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		2U		1.0U		6=		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		2U		1U		2U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		2U		1.0U		2U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		2U		1U		2U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		2U		1U		2U		1U		1U
2-BUTANONE	UG/L		5.0U		10U		5U		10U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		2U		1.0U		2U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		2U		1.0U		2U		1U		1U
ACETONE	UG/L		5.0U		20=		5U		10U		20=		5U
BENZENE	UG/L		1U		2U		1.0U		2U		4=		1U
BROMOBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		53=		1.0U		2U		1U		1U
BROMOFORM	UG/L		1U		2U		1.0U		2U		1U		1U
BROMOMETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		2U		1.0U		2U		1U		1U
CHLOROBENZENE	UG/L		1U		2U		1U		2U		2=		1U

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-147C		2-18		2-19A		2-20A		2-217C		2-21A	
	SampleNumber	UT2095		UT2464		UT2494		UT2465		UT2375		UT2135	
	SampleDate	19-AUG-97		26-SEP-97		30-SEP-97		26-SEP-97		17-SEP-97		25-AUG-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
CHLOROFORM	UG/L		1U		260=		1U		2J		1U		1U
CHLOROMETHANE	UG/L		1U		3=		1.0U		2U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		2U		1U		7=		5=		1U
DIBROMOCHLOROMETHANE	UG/L		1U		12=		1.0U		2U		1U		1U
DIBROMOMETHANE	UG/L		1U		2U		1.0U		2U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		2U		1U		2U		1U		1U
ETHYLBENZENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		2U		1U		2U		1.0U		1U
ISOPROPYLBENZENE	UG/L		1U		2U		1U		2U		1U		1U
M,P-XYLENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
METHYLENE CHLORIDE	UG/L		0.8J		2U		1U		6=		1.0U		1U
N-BUTYLBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
N-PROPYLBENZENE	UG/L		1U		2U		1U		2U		1U		1U
NAPHTHALENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
O-XYLENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		2U		1.0U		2U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
STYRENE	UG/L		1U		2U		1.0U		2U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		2U		1.0U		2U		1U		1U
TETRACHLOROETHENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
TOLUENE	UG/L		1U		2U		1.0U		2U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		2U		1.0U		2U		1.0U		1U
TRICHLOROETHENE	UG/L		1.0U		2U		1.0U		43=		1=		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		2U		1U		2U		1U		1U
VINYL CHLORIDE	UG/L		1U		2U		1U		2U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-22		2-282A		2-283A		2-284A		2-285A		2-286A	
	SampleNumber	UT2332		UT2546		UT2548		MS2058		MS2059		UT2513	
	SampleDate	12-SEP-97		03-OCT-97		03-OCT-97		22-OCT-97		22-OCT-97		01-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,1-DICHLOROETHANE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
1,1-DICHLOROETHENE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		2U		5.0U		9.0=		2=
1,2-DICHLOROPROPANE	UG/L		1U		1U		2U		5.0U		5.0J		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
1,4-DICHLOROBENZENE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
2-BUTANONE	UG/L		5U		5U		12U		25U		25U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
ACETONE	UG/L		5U		5U		12U		25U		25U		5U
BENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
BROMOBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1U		2U		5.0U		5.0U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
BROMOFORM	UG/L		1U		1U		2U		5.0U		5.0U		1U
BROMOMETHANE	UG/L		1U		1U		2U		5.0U		5.0U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		9=		30=		120=		6=
CHLOROBENZENE	UG/L		1U		1U		2U		5.0U		5.0U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-22	2-282A	2-283A	2-284A	2-285A	2-286A
	SampleNumber	UT2332	UT2546	UT2548	MS2058	MS2059	UT2513
	SampleDate	12-SEP-97	03-OCT-97	03-OCT-97	22-OCT-97	22-OCT-97	01-OCT-97
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
CHLOROETHANE	UG/L	1.0U	1U	2U	5.0U	5.0U	1U
CHLOROFORM	UG/L	1U	1U	2=	29J	95J	3=
CHLOROMETHANE	UG/L	1.0U	1U	2U	5.0U	5.0U	1U
CIS-1,2-DICHLOROETHENE	UG/L	1U	1U	2U	5.0=	5.0=	7=
DIBROMOCHLOROMETHANE	UG/L	1U	1U	2U	5.0U	5.0U	1U
DIBROMOMETHANE	UG/L	1U	1U	2U	5.0U	5.0U	1U
DICHLORODIFLUOROMETHANE	UG/L	1U	1U	2U	5.0U	5.0U	1U
ETHYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
HEXACHLOROBUTADIENE	UG/L	1.0U	1U	2U	5.0U	5.0U	1U
ISOPROPYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
M,P-XYLENE	UG/L	1.0U	1U	2U	5.0U	6.0=	1U
METHYLENE CHLORIDE	UG/L	1U	1U	2U	6.0=	8.0J	1U
N-BUTYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
N-PROPYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
NAPHTHALENE	UG/L	1.0U	1U	2U	5.0U	5.0U	1U
O-XYLENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
P-ISOPROPYLTOLUENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
SEC-BUTYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
STYRENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
TERT-BUTYLBENZENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
TETRACHLOROETHENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
TOLUENE	UG/L	1U	1U	2U	5.0U	5.0U	1U
TRANS-1,2-DICHLOROETHENE	UG/L	1.0U	1U	2U	5.0U	3.0J	1U
TRICHLOROETHENE	UG/L	1.0U	1U	70=	140=	18=	3=
TRICHLOROFLUOROMETHANE	UG/L	1U	1U	2U	5.0U	5.0U	1U
VINYL CHLORIDE	UG/L	1U	1U	2U	5.0U	5.0U	1U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-287AR		2-288A		2-289A		2-62A		2-63A		2-64A	
	SampleNumber	UT2514		UT2516		UT2518		UT2279		UT2281		UT2283	
	SampleDate	01-OCT-97		01-OCT-97		01-OCT-97		09-SEP-97		09-SEP-97		11-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1UJ
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1UJ
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		3=		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
ACETONE	UG/L		6=		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1.0U		1.0U		23=		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-287AR		2-288A		2-289A		2-62A		2-63A		2-64A	
	SampleNumber	UT2514		UT2516		UT2518		UT2279		UT2281		UT2283	
	SampleDate	01-OCT-97		01-OCT-97		01-OCT-97		09-SEP-97		09-SEP-97		11-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		6=		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1.0U		19=		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		1U		0.9J		1J		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1=		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		9=		0.5J		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1UJ
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-65A		2C		3B		41C		41D		42C	
	SampleNumber	UT2271		UT2473		UT2489		MS2024		MS2025		MS2027	
	SampleDate	08-SEP-97		29-SEP-97		30-SEP-97		17-OCT-97		17-OCT-97		17-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1.0U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2-DIBROMOETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2-DICHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1.0U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
BROMOFORM	UG/L		1U		1.0U		1.0U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1.0U		1.0U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1.0U		1U		1.0U		1U

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-65A		2C		3B		41C		41D		42C	
	SampleNumber	UT2271		UT2473		UT2489		MS2024		MS2025		MS2027	
	SampleDate	08-SEP-97		29-SEP-97		30-SEP-97		17-OCT-97		17-OCT-97		17-OCT-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1.0U		1U		1U		1.0U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1.0U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1.0U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1.0U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1.0U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
METHYLENE CHLORIDE	UG/L		1=		1.0U		1.0U		2=		0.8J		0.7J
N-BUTYLBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1.0U		1U		1.0U		1U
NAPHTHALENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
O-XYLENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
SEC-BUTYLBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
STYRENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
TETRACHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
TOLUENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1.0U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1.0U		1.0U		1U		1.0U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	43C		45CR		45DR		46C		47C		4C	
	SampleNumber	UT2507		UT2288		UT2289		UT2455		UT2425		UT2476	
	SampleDate	01-OCT-97		09-SEP-97		09-SEP-97		26-SEP-97		23-SEP-97		29-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1.0U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1.0U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U		1.0U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
BROMOFORM	UG/L		1U		1U		1U		1U		1U		1.0U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U		1.0U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	43C		45CR		45DR		46C		47C		4C	
	SampleNumber	UT2507		UT2288		UT2289		UT2455		UT2425		UT2476	
	SampleDate	01-OCT-97		09-SEP-97		09-SEP-97		26-SEP-97		23-SEP-97		29-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U		1.0U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U		1.0U
METHYLENE CHLORIDE	UG/L		1U		1U		1=		2=		2=		1.0U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U		1.0U
O-XYLENE	UG/L		1U		1U		1U		1U		1U		1.0U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U		1.0U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
STYRENE	UG/L		1U		1U		1U		1U		1U		1.0U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U		1.0U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1.0U
TOLUENE	UG/L		1U		1U		1U		1U		1U		1.0U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1.0U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		1.0U

NA = Not Analyzed

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997

Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR		5B		60C		61B		6A		76B	
	SampleNumber	UT2309		UT2338		UT2372		UT2497		UT2142		UT2478	
	SampleDate	11-SEP-97		15-SEP-97		17-SEP-97		30-SEP-97		25-AUG-97		29-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1UJ		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1UJ		1U		1U		1.0U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1.0U		1U		1U		1U		2=
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1.0U		1U		1.0U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U		3=

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	59AR		5B		60C		61B		6A		76B	
		SampleNumber	UT2309		UT2338		UT2372		UT2497		UT2142		UT2478	
		SampleDate	11-SEP-97		15-SEP-97		17-SEP-97		30-SEP-97		25-AUG-97		29-SEP-97	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
CHLOROETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U	
CHLOROMETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U		7=	
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U		1U	
DIBROMOMETHANE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L		1U		1.0U		1U		1U		1U		1U	
ETHYLBENZENE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U	
M,P-XYLENE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
METHYLENE CHLORIDE	UG/L		1U		1.0U		1U		1U		1U		1U	
N-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U	
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U	
NAPHTHALENE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
O-XYLENE	UG/L		1U		1U		1U		1.0U		1U		1U	
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1.0U		1U		1U	
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U	
STYRENE	UG/L		1U		1U		1U		1.0U		1U		1U	
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1.0U		1U		1U	
TETRACHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U	
TOLUENE	UG/L		1U		1.0U		1U		1.0U		1U		1U	
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U		1U	
TRICHLOROETHENE	UG/L		1J		1U		1U		1U		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L		1UJ		1U		1U		1U		1U		1U	
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U		4=	

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76D		77C		77D		78B		79C		83C	
	SampleNumber	UT2480		UT2482		UT2483		UT2341		UT2368		UT2438	
	SampleDate	29-SEP-97		29-SEP-97		29-SEP-97		15-SEP-97		17-SEP-97		25-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-TETRACHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1.0U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5.0U		5U
BENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
BROMOBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
BROMOFORM	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
BROMOMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1.0U		1.0U		1U		1U		1U

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76D		77C		77D		78B		79C		83C	
	SampleNumber	UT2480		UT2482		UT2483		UT2341		UT2368		UT2438	
	SampleDate	29-SEP-97		29-SEP-97		29-SEP-97		15-SEP-97		17-SEP-97		25-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
CHLOROETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1.0U		1.0U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1.0U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
METHYLENE CHLORIDE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		2=
N-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
O-XYLENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
P-ISOPROPYLTOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
STYRENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
TOLUENE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1U		1.0U		1U
TRICHLOROETHENE	UG/L		1.0U		1.0U		1.0U		1.0U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1.0U		1.0U		1.0U		1U		1U		1U

NA = Not Analyzed

TABLE A.11
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84C		85B		86C		9C	
	SampleNumber	UT2353		UT2328		UT2345		UT2325	
	SampleDate	16-SEP-97		12-SEP-97		15-SEP-97		12-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1.0U		1.0U
1,1-DICHLOROETHENE	UG/L		1U		1U		1.0U		1.0U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1.0U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1.0U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U
BROMODICHLOROMETHANE	UG/L		1U		1U		1.0U		1U
BROMOFORM	UG/L		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U

TABLE A.11

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84C		85B		86C		9C	
	SampleNumber	UT2353		UT2328		UT2345		UT2325	
	SampleDate	16-SEP-97		12-SEP-97		15-SEP-97		12-SEP-97	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
CHLOROETHANE	UG/L		1U		1U		1.0U		1.0U
CHLOROFORM	UG/L		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1.0U		1.0U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1.0U		1U
ETHYLBENZENE	UG/L		1U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1.0U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1.0U		1.0U
METHYLENE CHLORIDE	UG/L		1U		1U		1.0U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1.0U		1.0U
O-XYLENE	UG/L		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U
TRICHLOROETHENE	UG/L		1U		1=		1U		1.0U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U

NA = Not Analyzed

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D	
	SampleNumber	UT2413		UT2011		UT2067		UT2070		UT2316	
	SampleDate	22-SEP-97		12-AUG-97		15-AUG-97		15-AUG-97		11-SEP-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1UJ		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1UJ
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5R		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5UJ		5UJ		5U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D	
	SampleNumber	UT2413		UT2011		UT2067		UT2070		UT2316	
	SampleDate	22-SEP-97		12-AUG-97		15-AUG-97		15-AUG-97		11-SEP-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROETHANE	UG/L		1U		1U		1UJ		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1U		1U		1U
METHYLENE CHLORIDE	UG/L		1U		1U		2U		1U		2=
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1U		1U		1U
O-XYLENE	UG/L		1U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132D		2-133D		2-134C		2-138C		2-139C	
	SampleNumber	UT2382		UT2430		UT2403		UT2530		UT2533	
	SampleDate	18-SEP-97		23-SEP-97		19-SEP-97		02-OCT-97		02-OCT-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1.0U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1.0U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1.0U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1.0U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1.0U		1U
BROMOFORM	UG/L		1U		1U		1U		1.0U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1.0U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1.0U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1.0U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132D		2-133D		2-134C		2-138C		2-139C	
	SampleNumber	UT2382		UT2430		UT2403		UT2530		UT2533	
	SampleDate	18-SEP-97		23-SEP-97		19-SEP-97		02-OCT-97		02-OCT-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROETHANE	UG/L	1U		1U		1U		1.0U		1U	
CHLOROFORM	UG/L	1U		1U		1U		1U		1U	
CHLOROMETHANE	UG/L	1U		1U		1U		1.0U		1U	
CIS-1,2-DICHLOROETHENE	UG/L	1.0U		1U		1U		1.0U		1.0U	
DIBROMOCHLOROMETHANE	UG/L	1U		1U		1U		1U		1U	
DIBROMOMETHANE	UG/L	1U		1U		1U		1.0U		1U	
DICHLORODIFLUOROMETHANE	UG/L	1U		1U		1U		1.0U		1U	
ETHYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
HEXACHLOROBUTADIENE	UG/L	1U		1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
M,P-XYLENE	UG/L	1U		1U		1U		1.0U		1U	
METHYLENE CHLORIDE	UG/L	1U		1U		1U		1.0U		1U	
N-BUTYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
N-PROPYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
NAPHTHALENE	UG/L	1U		1U		1U		1.0U		1U	
O-XYLENE	UG/L	1U		1U		1U		1.0U		1U	
P-ISOPROPYLTOLUENE	UG/L	1U		1U		1U		1.0U		1U	
SEC-BUTYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
STYRENE	UG/L	1U		1U		1U		1.0U		1U	
TERT-BUTYLBENZENE	UG/L	1U		1U		1U		1.0U		1U	
TETRACHLOROETHENE	UG/L	1U		1U		1U		1U		1U	
TOLUENE	UG/L	1U		1U		1U		1.0U		1U	
TRANS-1,2-DICHLOROETHENE	UG/L	1U		1U		1U		1.0U		1U	
TRICHLOROETHENE	UG/L	1U		1U		1U		1U		1U	
TRICHLOROFLUOROMETHANE	UG/L	1U		1U		1U		1U		1U	
VINYL CHLORIDE	UG/L	1U		1U		1U		1.0U		1U	

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-140C		2-141C		2-142C		2-147D		2-21C	
	SampleNumber	MS2105		UT2261		UT2265		UT2096		UT2138	
	SampleDate	28-OCT-97		08-SEP-97		08-SEP-97		19-AUG-97		25-AUG-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1.0U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1.0U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1.0U		1U		1U		1.0U		1U
1,1,2-TRICHLOROETHANE	UG/L		1.0U		1U		1U		1.0U		1U
1,1-DICHLOROETHANE	UG/L		1.0U		1U		1U		1.0U		1U
1,1-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U
1,1-DICHLOROPROPENE	UG/L		1.0U		1U		1U		1.0U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1.0U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1.0UJ		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1.0U		1U		1U		1.0U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1.0U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1.0U		1U		1U		1.0U		1U
1,2-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1.0U		1U		1U		1.0U		1U
1,2-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1.0U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1.0U		1U
1,4-DICHLOROBENZENE	UG/L		1.0U		1U		1U		1.0U		1U
2,2-DICHLOROPROPANE	UG/L		1.0U		1U		1U		1.0U		1U
2-BUTANONE	UG/L		5.0R		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1.0U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1.0U		1U		1U		1.0U		1U
ACETONE	UG/L		5.0R		5U		5U		5U		5U
BENZENE	UG/L		1.0UJ		1U		1U		1.0U		1U
BROMOBENZENE	UG/L		1.0U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
BROMODICHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
BROMOFORM	UG/L		1.0U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
CARBON TETRACHLORIDE	UG/L		1.0U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1.0U		1U		1U		1U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-140C		2-141C		2-142C		2-147D		2-21C	
	SampleNumber	MS2105		UT2261		UT2265		UT2096		UT2138	
	SampleDate	28-OCT-97		08-SEP-97		08-SEP-97		19-AUG-97		25-AUG-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROETHANE	UG/L		1.0UJ		1U		1U		1.0U		1U
CHLOROFORM	UG/L		1.0U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U
DIBROMOCHLOROMETHANE	UG/L		1.0U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
DICHLORODIFLUOROMETHANE	UG/L		1.0U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1.0U		1U		1U		1.0U		1U
HEXACHLOROBUTADIENE	UG/L		1.0U		1U		1U		1.0U		1U
ISOPROPYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1.0U		1U		1U		1.0U		1U
METHYLENE CHLORIDE	UG/L		1.0U		2=		1U		0.6J		1U
N-BUTYLBENZENE	UG/L		1.0UJ		1U		1U		1.0U		1U
N-PROPYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1.0U		1U		1U		1.0U		1U
O-XYLENE	UG/L		1.0U		1U		1U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1.0U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
STYRENE	UG/L		1.0U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1.0U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1.0U		1U		1U		1U		1U
TOLUENE	UG/L		1.0=		1U		1U		1.0U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U
TRICHLOROETHENE	UG/L		1.0U		1U		1U		1.0U		1U
TRICHLOROFLUOROMETHANE	UG/L		1.0U		1U		1U		1.0U		1U
VINYL CHLORIDE	UG/L		1.0U		1U		1U		1.0U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42D		43D		46D		47D		58C	
	SampleNumber	MS2028		UT2508		UT2456		UT2426		UT2014	
	SampleDate	17-OCT-97		01-OCT-97		26-SEP-97		23-SEP-97		11-AUG-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1.0U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5U		5U		5U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	42D		43D		46D		47D		58C	
	SampleNumber	MS2028		UT2508		UT2456		UT2426		UT2014	
	SampleDate	17-OCT-97		01-OCT-97		26-SEP-97		23-SEP-97		11-AUG-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROETHANE	UG/L	1U		1U		1U		1U		1U	
CHLOROFORM	UG/L	1U		1U		1U		1U		1U	
CHLOROMETHANE	UG/L	1U		1U		1U		1U		1U	
CIS-1,2-DICHLOROETHENE	UG/L	1U		1U		1U		1U		1U	
DIBROMOCHLOROMETHANE	UG/L	1U		1U		1U		1U		1U	
DIBROMOMETHANE	UG/L	1U		1U		1U		1U		1U	
DICHLORODIFLUOROMETHANE	UG/L	1U		1U		1U		1U		1U	
ETHYLBENZENE	UG/L	1U		1U		1U		1U		1U	
HEXACHLOROBUTADIENE	UG/L	1U		1U		1U		1U		1U	
ISOPROPYLBENZENE	UG/L	1U		1U		1U		1U		1U	
M,P-XYLENE	UG/L	1U		1U		1U		0.6J		1U	
METHYLENE CHLORIDE	UG/L	1=		1U		2=		2=		1U	
N-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U	
N-PROPYLBENZENE	UG/L	1U		1U		1U		1U		1U	
NAPHTHALENE	UG/L	1U		1U		1U		1U		1U	
O-XYLENE	UG/L	1U		1U		1U		1U		1U	
P-ISOPROPYLTOLUENE	UG/L	1U		1U		1U		1U		1U	
SEC-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U	
STYRENE	UG/L	1U		1U		1U		1U		1U	
TERT-BUTYLBENZENE	UG/L	1U		1U		1U		1U		1U	
TETRACHLOROETHENE	UG/L	1U		1U		1U		1U		1U	
TOLUENE	UG/L	1U		1U		1U		1U		1U	
TRANS-1,2-DICHLOROETHENE	UG/L	1U		1U		1U		1U		1U	
TRICHLOROETHENE	UG/L	1U		1U		1U		0.8J		1U	
TRICHLOROFLUOROMETHANE	UG/L	1U		1U		1U		1U		1U	
VINYL CHLORIDE	UG/L	1U		1U		1U		1U		1U	

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59D		60D		79D		84D		85D	
	SampleNumber	UT2312		UT2373		UT2369		UT2354		UT2330	
	SampleDate	11-SEP-97		17-SEP-97		17-SEP-97		16-SEP-97		12-SEP-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
1,1,1,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,1-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2,2-TETRACHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1,2-TRICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,1-DICHLOROETHANE	UG/L		1U		1U		1.0U		1U		1U
1,1-DICHLOROETHENE	UG/L		1U		1U		1.0U		1U		1U
1,1-DICHLOROPROPENE	UG/L		1U		1U		1U		1U		1U
1,2,3-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1U		1U
1,2,3-TRICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,2,4-TRICHLOROBENZENE	UG/L		1U		1U		1.0U		1U		1U
1,2,4-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L		1UJ		1U		1U		1U		1U
1,2-DIBROMOETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROETHANE	UG/L		1U		1U		1U		1U		1U
1,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,3,5-TRIMETHYLBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
1,3-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
1,4-DICHLOROBENZENE	UG/L		1U		1U		1U		1U		1U
2,2-DICHLOROPROPANE	UG/L		1U		1U		1U		1U		1U
2-BUTANONE	UG/L		5U		5U		5U		5U		5U
2-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
4-CHLOROTOLUENE	UG/L		1U		1U		1U		1U		1U
ACETONE	UG/L		5U		5U		5.0U		5U		5U
BENZENE	UG/L		1U		1U		1U		1U		1U
BROMOBENZENE	UG/L		1U		1U		1U		1U		1U
BROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMODICHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
BROMOFORM	UG/L		1U		1U		1U		1U		1U
BROMOMETHANE	UG/L		1U		1U		1U		1U		1U
CARBON TETRACHLORIDE	UG/L		1U		1U		1U		1U		1U
CHLOROBENZENE	UG/L		1U		1U		1U		1U		1U

TABLE A.12

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1997
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59D		60D		79D		84D		85D	
	SampleNumber	UT2312		UT2373		UT2369		UT2354		UT2330	
	SampleDate	11-SEP-97		17-SEP-97		17-SEP-97		16-SEP-97		12-SEP-97	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**										
CHLOROETHANE	UG/L		1U		1U		1U		1U		1U
CHLOROFORM	UG/L		1U		1U		1U		1U		1U
CHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
CIS-1,2-DICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
DIBROMOCHLOROMETHANE	UG/L		1U		1U		1U		1U		1U
DIBROMOMETHANE	UG/L		1U		1U		1U		1U		1U
DICHLORODIFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
ETHYLBENZENE	UG/L		1U		1U		1.0U		1U		1U
HEXACHLOROBUTADIENE	UG/L		1U		1U		1.0U		1U		1U
ISOPROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
M,P-XYLENE	UG/L		1U		1U		1.0U		1U		1U
METHYLENE CHLORIDE	UG/L		2=		1U		1.0U		1U		1U
N-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
N-PROPYLBENZENE	UG/L		1U		1U		1U		1U		1U
NAPHTHALENE	UG/L		1U		1U		1.0U		1U		1U
O-XYLENE	UG/L		1U		1U		1.0U		1U		1U
P-ISOPROPYLTOLUENE	UG/L		1U		1U		1U		1U		1U
SEC-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
STYRENE	UG/L		1U		1U		1U		1U		1U
TERT-BUTYLBENZENE	UG/L		1U		1U		1U		1U		1U
TETRACHLOROETHENE	UG/L		1U		1U		1.0U		1U		1U
TOLUENE	UG/L		1U		1U		1U		1U		1U
TRANS-1,2-DICHLOROETHENE	UG/L		1U		1U		1.0U		1U		1U
TRICHLOROETHENE	UG/L		1U		1U		1U		1U		1U
TRICHLOROFLUOROMETHANE	UG/L		1U		1U		1U		1U		1U
VINYL CHLORIDE	UG/L		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B	
	SampleID	TK2850		TK2854		TK3022		TK2832		TK2991		TK2870	
	SampleDate	05-NOV-98		05-NOV-98		25-NOV-98		04-NOV-98		23-NOV-98		06-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B	
	SampleID	TK2850		TK2854		TK3022		TK2832		TK2991		TK2870	
	SampleDate	05-NOV-98		05-NOV-98		25-NOV-98		04-NOV-98		23-NOV-98		06-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1.5=		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		0.7B		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130B		2-131B		2-133B		2-147B		2-186		2-187	
	SampleID	TK3041		TK2900		TK3055		TK2540		TK2590		TK2591	
	SampleDate	27-NOV-98		11-NOV-98		30-NOV-98		29-SEP-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130B		2-131B		2-133B		2-147B		2-186		2-187	
	SampleID	TK3041		TK2900		TK3055		TK2540		TK2590		TK2591	
	SampleDate	27-NOV-98		11-NOV-98		30-NOV-98		29-SEP-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		0.9B		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		0.8B		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-188		2-189		2-232		2-5		2-6		2-7	
	SampleID	TK2592		TK2593		TK2603		TK2578		TK2588		TK2589	
	SampleDate	07-OCT-98		07-OCT-98		08-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		3.4=		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		13=		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		520=		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-188		2-189		2-232		2-5		2-6		2-7	
	SampleID	TK2592		TK2593		TK2603		TK2578		TK2588		TK2589	
	SampleDate	07-OCT-98		07-OCT-98		08-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		30=		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		3=		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1.6=		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		3=		1U
Naphthalene	UG/L		1U		1U		1U		1U		5.7=		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		0.5B		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2BR		41B		43B		45B		46B		47B	
	SampleID	TK2839		TK3340		TK3125		TK2816		TK2821		TK2916	
	SampleDate	04-NOV-98		31-DEC-98		07-DEC-98		03-NOV-98		03-NOV-98		13-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2BR		41B		43B		45B		46B		47B	
	SampleID	TK2839		TK3340		TK3125		TK2816		TK2821		TK2916	
	SampleDate	04-NOV-98		31-DEC-98		07-DEC-98		03-NOV-98		03-NOV-98		13-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1.2=		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1.2B
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	4BR		59C		60A		75A		76C		78C	
	SampleID	TK2966		TK2904		TK2858		TK3045		TK2969		TK2958	
	SampleDate	20-NOV-98		12-NOV-98		05-NOV-98		27-NOV-98		18-NOV-98		19-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		0.5JB
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	4BR		59C		60A		75A		76C		78C	
	SampleID	TK2966		TK2904		TK2858		TK3045		TK2969		TK2958	
	SampleDate	20-NOV-98		12-NOV-98		05-NOV-98		27-NOV-98		18-NOV-98		19-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		0.8B		1U		1U		2.6=		2.6=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		0.9B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		6.3=		1U		1U		1U		3.1=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		2.1=		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79A		83A		84A		85A		86A	
	SampleID	TK3029		TK2875		TK2865		TK2994		TK2959	
	SampleDate	25-NOV-98		09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U

TABLE A.13

Analytical Data Summary Table for VOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	79A		83A		84A		85A		86A	
	SampleID	TK3029		TK2875		TK2865		TK2994		TK2959	
	SampleDate	25-NOV-98		09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		0.8B		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1.9=		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B	10E	11C	1B	2-123B	2-129B	2-130B
	SampleID	TK2850	TK2854	TK3022	TK2832	TK2991	TK2870	TK3041
	SampleDate	05-NOV-98	05-NOV-98	25-NOV-98	04-NOV-98	23-NOV-98	06-NOV-98	27-NOV-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B		2-130B	
	SampleID	TK2850		TK2854		TK3022		TK2832		TK2991		TK2870		TK3041	
	SampleDate	05-NOV-98		05-NOV-98		25-NOV-98		04-NOV-98		23-NOV-98		06-NOV-98		27-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		5.9B		10U		10U		3.3B		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		1JB		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131B		2-133B		2-147B		2-186		2-187		2-188		2-189	
	SampleID	TK2900		TK3055		TK2540		TK2590		TK2591		TK2592		TK2593	
	SampleDate	11-NOV-98		30-NOV-98		29-SEP-98		07-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131B		2-133B		2-147B		2-186		2-187		2-188		2-189	
	SampleID	TK2900		TK3055		TK2540		TK2590		TK2591		TK2592		TK2593	
	SampleDate	11-NOV-98		30-NOV-98		29-SEP-98		07-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		3.7B		3.1B		1.9B		1.4B		1.5B
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-232		2-5		2-6		2-7		2BR		41B		43B	
	SampleID	TK2603		TK2578		TK2588		TK2589		TK2839		TK3340		TK3125	
	SampleDate	08-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		04-NOV-98		31-DEC-98		07-DEC-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		1.1B		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		1.6B		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

StationID	2-232		2-5		2-6		2-7		2BR		41B		43B	
SampleID	TK2603		TK2578		TK2588		TK2589		TK2839		TK3340		TK3125	
SampleDate	08-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		04-NOV-98		31-DEC-98		07-DEC-98	
Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**													
Benzo(a)pyrene	UG/L	10U		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L	10U		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L	10U		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L	10U		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L	50U		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L	10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L	10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L	10U		10U		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L	10U		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L	10U		10U		10U		10U		10U		10U		10U
Chrysene	UG/L	10U		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L	10U		10U		10U		10U		4.7B		10U		1.6B
Di-n-octylphthalate	UG/L	10U		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L	10U		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L	10U		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L	10U		10U		4.8B		10U		10U		10U		10U
Dimethyl Phthalate	UG/L	10U		10U		10U		10U		10U		10U		10U
Fluoranthene	UG/L	10U		10U		10U		10U		10U		10U		10U
Fluorene	UG/L	10U		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L	10U		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L	10U		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L	10U		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L	10U		10U		10U		10U		10U		10U		10U
Isophorone	UG/L	10U		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L	10U		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L	10U		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L	10U		10U		3.7B		10U		10U		10U		10U
Nitrobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L	50U		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L	10U		10U		10U		10U		10U		10U		10U
Phenol	UG/L	10U		10U		10U		10U		10U		10U		10U
Pyrene	UG/L	10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C		60A		75A	
	SampleID	TK2816		TK2821		TK2916		TK2966		TK2904		TK2858		TK3045	
	SampleDate	03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98		12-NOV-98		05-NOV-98		27-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45B		46B		47B		4BR		59C		60A		75A	
	SampleID	TK2816		TK2821		TK2916		TK2966		TK2904		TK2858		TK3045	
	SampleDate	03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98		12-NOV-98		05-NOV-98		27-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**														
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		2.8B		1.6B		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76C	78C	79A	83A	84A	85A	86A
	SampleID	TK2969	TK2958	TK3029	TK2875	TK2865	TK2994	TK2959
	SampleDate	18-NOV-98	19-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.14

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76C	78C	79A	83A	84A	85A	86A
	SampleID	TK2969	TK2958	TK3029	TK2875	TK2865	TK2994	TK2959
	SampleDate	18-NOV-98	19-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.15

Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B	
	SampleID	TK2850		TK2854		TK3022		TK2832		TK2991		TK2870	
	SampleDate	05-NOV-98		05-NOV-98		25-NOV-98		04-NOV-98		23-NOV-98		06-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
4,4'-DDE	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
4,4'-DDT	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Aldrin	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Alpha-bhc	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Aroclor-1221	UG/L		0.66U		0.72U		0.65U		0.66U		0.66U		0.65U
Aroclor-1232	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Aroclor-1242	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Aroclor-1248	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Aroclor-1254	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Aroclor-1260	UG/L		0.51U		0.56U		0.50U		0.51U		0.51U		0.50U
Beta-BHC	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Dieldrin	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Endosulfan I	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Endosulfan Sulfate	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Endrin Aldehyde	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Endrin Ketone	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Endrin	UG/L		0.071U		0.078U		0.070U		0.071U		0.071U		0.070U
Gamma-BHC	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Heptachlor	UG/L		0.031U		0.033U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	UG/L		0.31U		0.33U		0.30U		0.30U		0.30U		0.30U
Toxaphene	UG/L		2.0U		2.2U		2.0U		2.0U		2.0U		2.0U

TABLE A.15
Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-130B	2-131B	2-133B	2-147B	2-186	2-187
		SampleID	TK3041	TK2900	TK3055	TK2540	TK2590	TK2591
		SampleDate	27-NOV-98	11-NOV-98	30-NOV-98	29-SEP-98	07-OCT-98	07-OCT-98
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
4,4'-DDD	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
4,4'-DDE	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
4,4'-DDT	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Aldrin	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Alpha-bhc	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Alpha-chlordane	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Aroclor-1016	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Aroclor-1221	UG/L		0.66U	0.68U	0.66U	0.68U	0.65U	0.65U
Aroclor-1232	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Aroclor-1242	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Aroclor-1248	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Aroclor-1254	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Aroclor-1260	UG/L		0.51U	0.53U	0.51U	0.52U	0.50U	0.50U
Beta-BHC	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Delta-BHC	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Dieldrin	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Endosulfan I	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Endosulfan II	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Endosulfan Sulfate	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Endrin Aldehyde	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Endrin Ketone	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Endrin	UG/L		0.071U	0.074U	0.071U	0.073U	0.070U	0.070U
Gamma-BHC	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Gamma-chlordane	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Heptachlor Epoxide	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Heptachlor	UG/L		0.031U	0.032U	0.031U	0.031U	0.030U	0.030U
Methoxychlor	UG/L		0.31U	0.32U	0.31U	0.31U	0.30U	0.30U
Toxaphene	UG/L		2.0U	2.1U	2.0U	2.1U	2.0U	2.0U

TABLE A.15

Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-188	2-189	2-232	2-5	2-6	2-7
	SampleID	TK2592	TK2593	TK2603	TK2578	TK2588	TK2589
	SampleDate	07-OCT-98	07-OCT-98	08-OCT-98	07-OCT-98	07-OCT-98	07-OCT-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
4,4'-DDE	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
4,4'-DDT	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Aldrin	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Alpha-bhc	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Alpha-chlordane	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Aroclor-1016	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Aroclor-1221	UG/L	0.67U	0.65U	0.68U	0.66U	0.66U	0.66U
Aroclor-1232	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Aroclor-1242	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Aroclor-1248	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Aroclor-1254	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Aroclor-1260	UG/L	0.52U	0.50U	0.53U	0.51U	0.51U	0.51U
Beta-BHC	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Delta-BHC	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Dieldrin	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Endosulfan I	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Endosulfan II	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Endosulfan Sulfate	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Endrin Aldehyde	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Endrin Ketone	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Endrin	UG/L	0.072U	0.070U	0.074U	0.071U	0.071U	0.071U
Gamma-BHC	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Gamma-chlordane	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Heptachlor	UG/L	0.031U	0.030U	0.032U	0.031U	0.030U	0.030U
Methoxychlor	UG/L	0.31U	0.30U	0.32U	0.31U	0.30U	0.30U
Toxaphene	UG/L	2.1U	2.0U	2.1U	2.0U	2.0U	2.0U

TABLE A.15

Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2BR	41B	43B	45B	46B	47B
		SampleID	TK2839	TK3340	TK3125	TK2816	TK2821	TK2916
		SampleDate	04-NOV-98	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	13-NOV-98
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**							
4,4'-DDD	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Aldrin	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Alpha-bhc	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L		0.66U	0.68U	0.66U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L		0.51U	0.53U	0.51U	0.50U	0.50U	0.50U
Beta-BHC	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Delta-BHC	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Dieldrin	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Endosulfan I	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Endosulfan II	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Endrin	UG/L		0.071U	0.074U	0.071U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Heptachlor	UG/L		0.030U	0.032U	0.031U	0.030U	0.030U	0.030U
Methoxychlor	UG/L		0.30U	0.32U	0.31U	0.30U	0.30U	0.30U
Toxaphene	UG/L		2.0U	2.1U	2.0U	2.0U	2.0U	2.0U

TABLE A.15

Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

		StationID	4BR		59C		60A	75A		76C		78C
		SampleID	TK2966		TK2904		TK2858	TK3045		TK2969		TK2958
		SampleDate	20-NOV-98		12-NOV-98		05-NOV-98	27-NOV-98		18-NOV-98		19-NOV-98
		Aquifer Zone	HWBZ		HWBZ		HWBZ	HWBZ		HWBZ		HWBZ
Parameter	**Units**											
4,4'-DDD	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
4,4'-DDE	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
4,4'-DDT	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Aldrin	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Alpha-bhc	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Alpha-chlordane	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Aroclor-1016	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Aroclor-1221	UG/L		0.66U		0.65U		0.65U	0.65U		0.65U		0.66U
Aroclor-1232	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Aroclor-1242	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Aroclor-1248	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Aroclor-1254	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Aroclor-1260	UG/L		0.51U		0.50U		0.50U	0.50U		0.50U		0.51U
Beta-BHC	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Delta-BHC	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Dieldrin	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Endosulfan I	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Endosulfan II	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Endosulfan Sulfate	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Endrin Aldehyde	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Endrin Ketone	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Endrin	UG/L		0.071U		0.070U		0.070U	0.070U		0.070U		0.071U
Gamma-BHC	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Gamma-chlordane	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Heptachlor	UG/L		0.031U		0.030U		0.030U	0.030U		0.030U		0.031U
Methoxychlor	UG/L		0.31U		0.30U		0.30U	0.30U		0.30U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.0U	2.0U		2.0U		2.0U

TABLE A.15
Analytical Data Summary Table for Pesticide in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

		StationID	79A	83A	84A	85A	86A
		SampleID	TK3029	TK2875	TK2865	TK2994	TK2959
		SampleDate	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
4,4'-DDD	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
4,4'-DDE	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
4,4'-DDT	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Aldrin	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Alpha-bhc	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Alpha-chlordane	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Aroclor-1016	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Aroclor-1221	UG/L		0.67U	0.67U	0.66U	0.65U	0.65U
Aroclor-1232	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Aroclor-1242	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Aroclor-1248	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Aroclor-1254	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Aroclor-1260	UG/L		0.52U	0.52U	0.51U	0.50U	0.50U
Beta-BHC	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Delta-BHC	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Dieldrin	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Endosulfan I	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Endosulfan II	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Endosulfan Sulfate	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Endrin Aldehyde	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Endrin Ketone	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Endrin	UG/L		0.072U	0.072U	0.071U	0.070U	0.070U
Gamma-BHC	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Gamma-chlordane	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Heptachlor Epoxide	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Heptachlor	UG/L		0.031U	0.031U	0.031U	0.030U	0.030U
Methoxychlor	UG/L		0.31U	0.31U	0.31U	0.30U	0.30U
Toxaphene	UG/L		2.1U	2.1U	2.0U	2.0U	2.0U

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10B		10E		11C		1B		2-123B		2-129B	
	SampleID	TK2850		TK2854		TK3022		TK2832		TK2991		TK2870	
	SampleDate	05-NOV-98		05-NOV-98		25-NOV-98		04-NOV-98		23-NOV-98		06-NOV-98	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		4.0U		4.0B		4.0U		4.6B		5.2B
Barium	UG/L		104=		54.3=		110=		1330=		530=		126=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		28.6=		111=		2.0U		3.2B		2.0U		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.8B		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		16.8=		677=		1.0U		13.2=		14.9=		1.2B
Selenium	UG/L		9.7=		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.1B		2.0U		2.0U

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130B	2-131B	2-133B	2-147B	2-186	2-187
	SampleID	TK3041	TK2900	TK3055	TK2540	TK2590	TK2591
	SampleDate	27-NOV-98	11-NOV-98	30-NOV-98	29-SEP-98	07-OCT-98	07-OCT-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
Arsenic	UG/L	4.0U	4.0U	6.5B	5.6B	4.8B	4.9B
Barium	UG/L	74.5=	44.5=	84.4=	89.7=	35.0=	212=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	9.6=	5.2=	15.8=	2.0U	2.0U	325=
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	243=	358=	2.2B	152=	1.8B	120=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	6.7=	8.0=
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	19.9=

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-188		2-189		2-232		2-5		2-6		2-7	
		SampleID	TK2592		TK2593		TK2603		TK2578		TK2588		TK2589	
		SampleDate	07-OCT-98		07-OCT-98		08-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**													
Arsenic	UG/L			4.0U		4.4B		8.4B		8.6B		27.1=		6.6B
Barium	UG/L			157=		46.0=		116=		64.9=		305=		76.2=
Cadmium	UG/L			1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L			2.6B		2.0U		6.2=		8.2=		2.0U		2.0U
Lead	UG/L			2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L			0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L			1.2B		61.2=		7.7=		8.3=		10.0=		1.8B
Selenium	UG/L			5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L			3.0B		2.0U		4.3B		3.7B		6.3=		2.2B

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2BR	41B	43B	45B	46B	47B
	SampleID	TK2839	TK3340	TK3125	TK2816	TK2821	TK2916
	SampleDate	04-NOV-98	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	13-NOV-98
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**						
Arsenic	UG/L	4.0U	4.0U	4.0U	4.8B	6.7B	4.0U
Barium	UG/L	1470=	77.9=	137=	91.6=	117=	66.8=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	2.5B	13.1=	2.7BN	72.8=	3.2B	10.8=
Lead	UG/L	2.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	20.4=	200=	3.6B	79.8=	13.4=	121=
Selenium	UG/L	5.0U	4.3B	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

		StationID	4BR		59C		60A		75A		76C		78C	
		SampleID	TK2966		TK2904		TK2858		TK3045		TK2969		TK2958	
		SampleDate	20-NOV-98		12-NOV-98		05-NOV-98		27-NOV-98		18-NOV-98		19-NOV-98	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**													
Arsenic	UG/L			4.0U		4.0U		4.0U		5.0B		4.3B		4.0U
Barium	UG/L			417=		113=		96.8=		106=		395=		106=
Cadmium	UG/L			1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L			3.1B		2.0U		2.0U		4.7B		61.8=		9.2=
Lead	UG/L			2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L			0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L			8.4=		18.9=		1.0U		3.7B		406=		6.0=
Selenium	UG/L			5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L			2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.16

Analytical Data Summary Table for Metals in the HWBZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

		StationID	79A		83A		84A	85A		86A
		SampleID	TK3029		TK2875		TK2865	TK2994		TK2959
		SampleDate	25-NOV-98		09-NOV-98		06-NOV-98	23-NOV-98		20-NOV-98
		Aquifer Zone	HWBZ		HWBZ		HWBZ	HWBZ		HWBZ
Parameter	**Units**									
Arsenic	UG/L		4.7B		4.0U		4.0U	5.2B		4.0U
Barium	UG/L		74.1=		35.8=		62.0=	286=		366=
Cadmium	UG/L		1.0U		1.0U		1.0U	1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		88.2=	2.0U		5.0B
Lead	UG/L		2.0U		2.0U		2.0U	2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U	0.20U		0.20U
Nickel	UG/L		2.7B		7.0=		210=	2.7B		4.8=
Selenium	UG/L		5.4=		5.0U		5.0U	5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U	2.0U		2.0U

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TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	11A	13	1-66B	1-66B	1-67B
	SampleID	TK2849	TK3020	TK2579	TK2120	TK3500	TK2229
	SampleDate	05-NOV-98	25-NOV-98	06-OCT-98	11-AUG-98	15-JAN-99	24-AUG-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	2.1=	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	2.7=	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1.9=	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	5U	5U	5U
Benzene	UG/L	1U	0.5B	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1=
Chlorobenzene	UG/L	1U	1.7=	1U	1U	1U	1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		11A		13	1-66B	1-66B	1-67B
	SampleID	TK2849		TK3020		TK2579	TK2120	TK3500	TK2229
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98	11-AUG-98	15-JAN-99	24-AUG-98
	Aquifer Zone	USZ		USZ		USZ	USZ	USZ	USZ
Parameter	**Units**								
Chloroethane	UG/L	1U		1.9=		1U	1U	1U	1U
Chloroform	UG/L	6.1=		1U		1U	1U	1U	2=
Chloromethane	UG/L	1U		1U		1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	2.1=		28=		1U	1U	1U	1U
cis-1,2-Dichloroethylene	UG/L	NA		NA		NA	NA	NA	NA
Dibromochloromethane	UG/L	1U		1U		1U	1U	1U	1U
Dibromomethane	UG/L	1U		1U		1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U		1U		1U	1U	1U	1U
Ethylbenzene	UG/L	1U		1U		1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U		1U		1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U		1U		1U	1U	1U	1U
m&p Xylene	UG/L	NA		NA		NA	1U	NA	1U
m&p-Xylenes	UG/L	1U		1U		1U	NA	1U	NA
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U		5U		5U	5U	5U	5U
Methylene Chloride	UG/L	1U		1U		1U	1U	1U	1U
n-Butylbenzene	UG/L	1U		1U		1U	1U	1U	1U
n-Propylbenzene	UG/L	1U		1U		1U	1U	1U	1U
Naphthalene	UG/L	1U		1U		1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U		1U		1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U		1U		1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U		1U		1U	1U	1U	1U
Styrene	UG/L	1U		1U		1U	1U	1U	1U
t-Butylbenzene	UG/L	1U		1U		1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA		NA		NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U		1U		1U	1U	1U	1U
Toluene	UG/L	1U		1U		1U	1U	1=	1U
trans-1,2-Dichloroethene	UG/L	1U		3.1=		1U	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA		NA		NA	NA	NA	NA
Trichloroethylene	UG/L	4.4=		430=		1U	1U	1U	0.8B
Trichlorofluoromethane	UG/L	1U		1U		1U	1U	1U	1U
Vinyl Chloride	UG/L	1U		25=		1U	1U	1U	1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1AR		2-106B		2-11		2-111B		2-112B	
	SampleID	TK3518		TK2831		TK2526		TK2999		TK2529		TK2569	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		23-NOV-98		28-SEP-98		01-OCT-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethene	UG/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloropropene	UG/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dichloroethane	UG/L	1U		0.7B		1U		1U		1U		1U	
1,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,3-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
2,2-Dichloropropane	UG/L	1U		1U		1U		0.8B		1U		1U	
2-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U	
Acetone	UG/L	5U		5U		5U		4.3B		5U		5U	
Benzene	UG/L	1U		1U		1U		1U		1U		1U	
Bromobenzene	UG/L	1U		1U		1U		1U		1U		1U	
Bromochloromethane	UG/L	1U		1U		1U		1U		1U		1U	
Bromodichloromethane	UG/L	1U		1U		1U		1U		1U		1U	
Bromoform	UG/L	1U		1U		1U		1U		1U		1U	
Bromomethane	UG/L	1U		1U		1U		1U		1U		1U	
Carbon Tetrachloride	UG/L	1B		1U		1U		1U		1U		1U	
Chlorobenzene	UG/L	1U		1U		1U		4.1=		1U		1U	

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B	1AR	2-106B	2-11	2-111B	2-112B
	SampleID	TK3518	TK2831	TK2526	TK2999	TK2529	TK2569
	SampleDate	18-JAN-99	04-NOV-98	28-SEP-98	23-NOV-98	28-SEP-98	01-OCT-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U
Chloroform	UG/L	1.6=	1U	1U	1U	1U	1U
Chloromethane	UG/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	1U	8.6=	1U	1.9=	1U	1U
cis-1,2-Dichloroethylene	UG/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	0.8B	1U	1.8=	1U	1U
Ethylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U	1U	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	1U	1U	1U	1U	1U	1U
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U	1.8=	1U	1U	1U	10=
Toluene	UG/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	1U	0.6B	1U	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	0.8B	57=	1U	28=	1U	3.7=
Trichlorofluoromethane	UG/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	1U	1U	1U	1U	1U	1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113B		2-114B		2-115B		2-122A		2-123A		2-124A	
	SampleID	TK2571		TK2618		TK2621		TK3060		TK2989		TK2894	
	SampleDate	01-OCT-98		09-OCT-98		09-OCT-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		0.9B		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113B		2-114B		2-115B		2-122A		2-123A		2-124A	
	SampleID	TK2571		TK2618		TK2621		TK3060		TK2989		TK2894	
	SampleDate	01-OCT-98		09-OCT-98		09-OCT-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		2.6=		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		9=		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		15=		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		0.5B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1.5=		0.6B		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		0.5B		7.1=		4.2=		2=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		2.8=		1U		1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-125A		2-126A		2-127A		2-128A		2-129A		2-130A	
	SampleID	TK2887		TK2855		TK3099		TK3034		TK2869		TK3040	
	SampleDate	09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98		27-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		0.8B		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1.6=		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		2.5=		2.9=		30=		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		3.5=		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		0.6B		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		2.9=		43=		2.8=		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

StationID	2-125A	2-126A	2-127A	2-128A	2-129A	2-130A
SampleID	TK2887	TK2855	TK3099	TK3034	TK2869	TK3040
SampleDate	09-NOV-98	05-NOV-98	03-DEC-98	25-NOV-98	06-NOV-98	27-NOV-98
Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U
Chloroform	UG/L	0.9B	1U	0.9B	1U	1U	1U
Chloromethane	UG/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	1U	4.9=	140=	30=	1U	1U
cis-1,2-Dichloroethylene	UG/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	1U	1U	1U	1U	1U
Ethylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U	1U	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	1U	1U	1U	1U	1U	0.9B
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U	1U	1U	1U	1U	1U
Toluene	UG/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	1U	1U	2.1=	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	1U	1U	16=	470=	12=	1U
Trichlorofluoromethane	UG/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	1U	1U	16=	4.7=	1U	1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131A		2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleID	TK2899		TK2921		TK3054		TK3051		TK3005		TK3009	
	SampleDate	11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98		23-NOV-98		23-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	UG/L	1U		1U		1U		0.7B		1U		1U	
1,1,2,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	UG/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	UG/L	1U		1U		1U		1U		3=		1U	
1,1-Dichloroethene	UG/L	1.1=		1U		1U		1U		1U		1U	
1,1-Dichloropropene	UG/L	1U		1U		1U		1U		1.3=		1U	
1,2,3-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	UG/L	1.4=		1U		1U		1U		2.3=		1U	
1,2-Dichloroethane	UG/L	1U		2.2=		1U		1U		1U		3.7=	
1,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		0.8B	
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	
1,3-Dichloropropane	UG/L	1U		1U		1U		1U		1.5=		1U	
1,4-Dichlorobenzene	UG/L	1U		1U		1U		1U		0.7B		1U	
2,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U	
2-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U	
Acetone	UG/L	5U		5U		5U		5U		5U		5U	
Benzene	UG/L	0.6B		1U		1U		1U		0.9B		1U	
Bromobenzene	UG/L	1U		1U		1U		1U		1U		1U	
Bromochloromethane	UG/L	1U		1U		1U		1U		1U		1U	
Bromodichloromethane	UG/L	1U		1U		1U		1U		1U		1U	
Bromoform	UG/L	1U		1U		1U		1U		1U		1U	
Bromomethane	UG/L	1U		1U		1U		1U		1U		1U	
Carbon Tetrachloride	UG/L	1U		1U		1U		1U		1U		15=	
Chlorobenzene	UG/L	1U		1U		1U		1U		1U		1U	

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131A		2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleID	TK2899		TK2921		TK3054		TK3051		TK3005		TK3009	
	SampleDate	11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98		23-NOV-98		23-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Chloroethane	UG/L		1U		1U		1U		1U		1.7=		1U
Chloroform	UG/L		1U		1U		1U		2.2=		1U		60=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		170=		18=		1U		1.2=		1B		110=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1.3=		1U		0.7B		0.8B		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1.5B		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1.4=		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		20=		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		5.7=		2.9=		1U		1U		3.1=		0.5B
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		89=		630=		1U		0.7B		1U		110=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		70=		1U		1U		1U		1.1=		1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B		2-143B	
	SampleID	TK3156		TK3175		TK3178		TK3150		TK2938		TK3131	
	SampleDate	09-DEC-98		10-DEC-98		10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1.8=
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		38=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B		2-143B	
	SampleID	TK3156		TK3175		TK3178		TK3150		TK2938		TK3131	
	SampleDate	09-DEC-98		10-DEC-98		10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		17=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		14=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		0.7B
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		1U		1U		1U		2.4=		960=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-167B		2-168B		2-19B		2-20B		2-214A	
	SampleID	TK3235		TK2951		TK2952		TK2976		TK2981		TK3094	
	SampleDate	16-DEC-98		17-NOV-98		17-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1.1=		1U		0.5B		1U		1U		1U
1,1-Dichloroethene	UG/L		1.6=		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		16=		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		72=		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		0.7B		1U		1U		1U		0.7B		0.6B
1,2-Dichloroethane	UG/L		1500=		1U		1U		1U		1U		1.2=
1,2-Dichloropropane	UG/L		5.3=		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		3.5=		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		0.6B		4.6=		1.1=
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1.9=		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		0.6B		1U		1U		0.8B		1U		11=

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-167B		2-168B		2-19B		2-20B		2-214A	
	SampleID	TK3235		TK2951		TK2952		TK2976		TK2981		TK3094	
	SampleDate	16-DEC-98		17-NOV-98		17-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		92=		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		330=		1U		8.8=		1=		220=		35=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		5.7=		5.7=		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1.6=		1U		1U		2.2=		2.1=		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		3.5=		1U		1U		1U		0.7B		0.9B
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1100=		1U		1.9=		3.4=		7.9=		16=
Trichlorofluoromethane	UG/L		1U		1U		71=		1U		1U		1U
Vinyl Chloride	UG/L		93=		1U		1U		1U		69=		4.9=

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21B		2-228		2-229		2-230		2-231		2-271B	
	SampleID	TK2587		TK2595		TK2596		TK2598		TK2599		TK2931	
	SampleDate	06-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		16-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21B		2-228		2-229		2-230		2-231		2-271B	
	SampleID	TK2587		TK2595		TK2596		TK2598		TK2599		TK2931	
	SampleDate	06-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		16-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		27=		0.7B		5.7=		11=		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-272B		2-273B		2-274B		2-278B		2-279B		2-280B	
	SampleID	TK2932		TK2933		TK2935		TK3199		TK3403		TK3405	
	SampleDate	16-NOV-98		16-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99		07-JAN-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1=		1U		1U		3=
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		0.7B
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1.2=		1U		2.9=		1U		1U		5.7=
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1.4=		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1.4=		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		22=
Benzene	UG/L		1U		1U		1U		1U		1U		0.6B
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		0.8B		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		6.6=		1U		46E
Chlorobenzene	UG/L		1U		1U		0.9B		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-272B	2-273B	2-274B	2-278B	2-279B	2-280B
	SampleID	TK2932	TK2933	TK2935	TK3199	TK3403	TK3405
	SampleDate	16-NOV-98	16-NOV-98	16-NOV-98	11-DEC-98	07-JAN-99	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U
Chloroform	UG/L	1U	2.2=	0.9B	5.4=	1.1=	13=
Chloromethane	UG/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	26=	1U	64=	6.6=	1U	10=
cis-1,2-Dichloroethylene	UG/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	1U	1U	1U	1U	1U
Ethylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U	1U	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	10	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	1U	0.9JB	1U	1U	1U	0.6B
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U	1U	0.6B	1U	1U	1U
Toluene	UG/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	2.8=	1U	13=	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	360=	0.7B	830=	190=	1U	1100=
Trichlorofluoromethane	UG/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	1U	1U	1U	1U	1U	1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B	
	SampleID	TK3135		TK3170		TK3239		TK3114		TK3116	
	SampleDate	07-DEC-98		10-DEC-98		16-DEC-98		04-DEC-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		0.8B		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1.8=		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1.4=		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		7.4=		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B	
	SampleID	TK3135		TK3170		TK3239		TK3114		TK3116	
	SampleDate	07-DEC-98		10-DEC-98		16-DEC-98		04-DEC-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		65=		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1.5=		1U		3=		1U		18=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		11=		1U		3.6=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		0.9B

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-290B		2-291B		2-292B		2-293B		2-294B	
	SampleID	TK2879		TK2880		TK2881		TK2885		TK2825	
	SampleDate	09-NOV-98		09-NOV-98		09-NOV-98		09-NOV-98		03-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		0.9B
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		5.2=
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1.5=
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		2=
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		16=

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-290B		2-291B		2-292B		2-293B		2-294B	
	SampleID	TK2879		TK2880		TK2881		TK2885		TK2825	
	SampleDate	09-NOV-98		09-NOV-98		09-NOV-98		09-NOV-98		03-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		0.9B		100=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		0.5B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		0.6B
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		1U		150=		1U		4.6=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1B

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-295B		2-296B		2-297B		2-298B		2-299B	
	SampleID	TK2826		TK2903		TK3096		TK3097		TK2882	
	SampleDate	03-NOV-98		10-NOV-98		03-DEC-98		03-DEC-98		09-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		0.7B		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		2.4=		3.1=		1U		1U		1U
1,2-Dichloroethane	UG/L		8.2=		5.4=		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		4=		4.1=		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		3.7=		2=		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1.1=		1U
Chlorobenzene	UG/L		54E		39=		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-295B		2-296B		2-297B		2-298B		2-299B	
	SampleID	TK2826		TK2903		TK3096		TK3097		TK2882	
	SampleDate	03-NOV-98		10-NOV-98		03-DEC-98		03-DEC-98		09-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		220=		NA		1U		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		0.6B		1U		1U		0.5B
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		2.1=		3.2=		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		21=		17=		1U		1.3=		190=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		3.1=		6.4=		1U		1U		1U

NA = NOT ANALYZED

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-300B		2-301B		2-302B		2-304B		2-310B	
	SampleID	TK2845		TK2622		TK2572		TK2883		TK3119	
	SampleDate	04-NOV-98		09-OCT-98		01-OCT-98		09-NOV-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U

TABLE A.17a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-300B		2-301B		2-302B		2-304B		2-310B	
	SampleID	TK2845		TK2622		TK2572		TK2883		TK3119	
	SampleDate	04-NOV-98		09-OCT-98		01-OCT-98		09-NOV-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1.8=
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		11=		1U		1U
Toluene	UG/L		1U		1U		1U		1U		9.2=
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		1U		320=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

NA = NOT ANALYZED

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

Parameter	StationID	2-311B	2-325B	2-328B	2-329B	2-333B	2-334B	2-335B	2-342B
	SampleID	TK3120	TK3408	TK3161	TK3243	TK3036	TK2925	TK2926	TK3244
	SampleDate	04-DEC-98	07-JAN-99	09-DEC-98	16-DEC-98	27-NOV-98	13-NOV-98	13-NOV-98	16-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
	Units								
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	0.6B	1U	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1=	1U	6.8=	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	0.9B	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
Benzene	UG/L	1U	1U	1U	1U	2.8=	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1.5=	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	14=	1U	1U	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B		2-325B		2-328B		2-329B		2-333B		2-334B		2-335B		2-342B	
	SampleID	TK3120		TK3408		TK3161		TK3243		TK3036		TK2925		TK2926		TK3244	
	SampleDate	04-DEC-98		07-JAN-99		09-DEC-98		16-DEC-98		27-NOV-98		13-NOV-98		13-NOV-98		16-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
Chloroform	UG/L		1U		1=		1.9=		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1.1=		86=		1U		130=		1U		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1.1=		1U		1.2B		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		0.8B		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		37=		140=		0.6B		3=		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-343B	2-344B	2-347B	2-348B	2-349B	2-350B	2-351B	2-352B
	SampleID	TK3171	TK3409	TK3411	TK3412	TK3429	TK3165	TK3163	TK3245
	SampleDate	10-DEC-98	07-JAN-99	07-JAN-99	07-JAN-99	11-JAN-99	09-DEC-98	09-DEC-98	16-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	2.2=	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1.7=	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenżene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1.4=	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	7.7=	5U	5U	2.9JB	5U	5U	5U
Benzene	UG/L	1U	1U	1U	0.6B	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	0.9B	39=	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-343B		2-344B		2-347B		2-348B		2-349B		2-350B		2-351B		2-352B	
	SampleID	TK3171		TK3409		TK3411		TK3412		TK3429		TK3165		TK3163		TK3245	
	SampleDate	10-DEC-98		07-JAN-99		07-JAN-99		07-JAN-99		11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
Chloroform	UG/L		1U		1U		0.6B		14=		2=		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		27=		1U		1.7=		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		0.8B		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		0.9B		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		0.8B		1B		1100=		2.6=		11=		1.3=		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-355B		2-356B		2-358B		2-359B		2-392B		2-393B		2-62B		2-63B	
	SampleID	TK2513		TK2514		TK2533		TK2534		TK3024		TK3025		TK2945		TK2947	
	SampleDate	25-SEP-98		25-SEP-98		28-SEP-98		28-SEP-98		24-NOV-98		24-NOV-98		17-NOV-98		17-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
1,1,1,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	UG/L	1U		1U		1U		1U		1U		1U		5.7=		1U	
1,1-Dichloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		5=	
1,1-Dichloroethene	UG/L	1U		1U		1U		0.6B		1U		1U		1.8=		0.9B	
1,1-Dichloropropene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		350=		1U	
1,2-Dichloroethane	UG/L	0.9B		1U		1U		1U		1U		2=		140=		1U	
1,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U		5.4=		1U	
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		15=		1U	
1,3-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		50=		1U	
2,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
2-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Acetone	UG/L	5U		5U		5U		5U		5U		5U		5U		5U	
Benzene	UG/L	1U		1U		1U		1U		1U		1U		4.8=		1U	
Bromobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromochloromethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromodichloromethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromoform	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromomethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Carbon Tetrachloride	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Chlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		40=		1U	
Chloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-355B		2-356B		2-358B		2-359B		2-392B		2-393B		2-62B		2-63B	
	SampleID	TK2513		TK2514		TK2533		TK2534		TK3024		TK3025		TK2945		TK2947	
	SampleDate	25-SEP-98		25-SEP-98		28-SEP-98		28-SEP-98		24-NOV-98		24-NOV-98		17-NOV-98		17-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
Chloroform	UG/L		1U		1U		1U		1U		1U		1U		5.8=		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		31=		1U		1U		4.9=		1U		21=		870=		160=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U		0.6JB		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		5=		1U		1U		1U		4.5=		1.6=
Toluene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		5.6=		1U		1U		0.9B		1U		1.9=		52=		2.3=
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		230=		0.9B		1U		1.3=		0.8B		170=		6000=		29=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		16=
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U		0.8B		11=

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64B		2-65B		2-66A		2-67A		2-67B		2-68A		2-68B		2AR	
	SampleID	TK2949		TK2930		TK2812		TK3103		TK3104		TK3105		TK3106		TK2838	
	SampleDate	17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98		03-DEC-98		03-DEC-98		03-DEC-98		04-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
1,1,1,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	UG/L	1U		1U		1U		1U		3=		2.7=		1U		1U	
1,1,2,2-Tetrachloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	UG/L	0.5B		1U		1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	UG/L	1U		1.3=		1U		8.8=		5.8=		2.2=		1U		1U	
1,1-Dichloroethene	UG/L	1U		1=		1U		4=		1U		1U		1U		1U	
1,1-Dichloropropene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	UG/L	1U		12=		1U		1.8=		1U		1U		1U		1U	
1,2-Dichloroethane	UG/L	1U		12=		1U		6.7=		3.3=		2.1=		1U		1U	
1,2-Dichloropropane	UG/L	1U		0.6B		1U		1U		11=		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	UG/L	0.8B		0.8B		1U		1U		1U		1U		1U		1U	
1,3-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	UG/L	1U		5.5=		1U		1U		1U		1U		1U		1U	
2,2-Dichloropropane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
2-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Acetone	UG/L	5U		5U		5U		5U		12=		5U		5U		5U	
Benzene	UG/L	1U		1U		1U		79=		0.7B		1U		1U		1U	
Bromobenzene	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromochloromethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromodichloromethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromoform	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Bromomethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	
Carbon Tetrachloride	UG/L	1U		1U		16=		1U		0.7B		120E		1U		1U	
Chlorobenzene	UG/L	1U		29=		1U		1U		1U		1U		1U		2.4=	
Chloroethane	UG/L	1U		1U		1U		1U		1U		1U		1U		1U	

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64B	2-65B	2-66A	2-67A	2-67B	2-68A	2-68B	2AR
	SampleID	TK2949	TK2930	TK2812	TK3103	TK3104	TK3105	TK3106	TK2838
	SampleDate	17-NOV-98	16-NOV-98	30-OCT-98	03-DEC-98	03-DEC-98	03-DEC-98	03-DEC-98	04-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Chloroform	UG/L	1U	1U	16=	1U	5.2=	180=	0.7B	1U
Chloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	81=	93=	1U	60=	10=	3.3=	1U	0.9B
cis-1,2-Dichloroethylene	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	1U	1U	8.7=	3.6=	1.6=	0.7B	1U
Ethylbenzene	UG/L	1U	1U	1U	8.6=	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U	1U	1U	11=	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	1.7=	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	1U	1U	1U	1U	1U	1B	1U	1U
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1.2=	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U	130=	1U	1U	76E	58=	3.9=	1U
Toluene	UG/L	1U	1U	1U	1.8=	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	11=	6.7=	1U	1.1=	1U	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	580=	230=	3=	4.9=	5.5JD	21=	1U	1U
Trichlorofluoromethane	UG/L	33=	1U	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	1U	5.4=	1U	71=	3.4=	0.6B	1U	2=

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	3A	41AR	42AR	43AR	45AR	46AR	47AR	4AR
	SampleID	TK3014	TK3339	TK3343	TK3124	TK2815	TK2820	TK2915	TK2965
	SampleDate	24-NOV-98	31-DEC-98	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	2.5=	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	14=	1.5=	1U	1B
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	3.3=	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	9.2B	3.2JB	5U	5U	5U	5U	5U
Benzene	UG/L	1U	1U	1U	1U	1.8=	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	40=	1U	1U	4.4=
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	3A		41AR		42AR		43AR		45AR		46AR		47AR		4AR	
	SampleID	TK3014		TK3339		TK3343		TK3124		TK2815		TK2820		TK2915		TK2965	
	SampleDate	24-NOV-98		31-DEC-98		31-DEC-98		07-DEC-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
Chloroform	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		190=		6=		1U		5.1=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U		1.3B		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1.2=		1U		1U		2.4=
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		1U		1U		0.7B		18=		0.6B		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U		1.6=

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58BR	59B	5AR	5C	6	61A	62
	SampleID	TK2639	TK2893	TK2842	TK2844	TK2651	TK2982	TK2988
	SampleDate	13-OCT-98	12-NOV-98	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1.7=	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	0.6B	1U
1,2,4-Trimethylbenzene	UG/L	2.6=	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	3.2=	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1.1=	1U	35=	14=	1U	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	2.1=	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	3.5=	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	5U	0.6JB	5U	5U
Benzene	UG/L	5=	1U	1U	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	0.5B
Chlorobenzene	UG/L	1.2=	1U	1.3=	0.5B	1U	0.5B	1U
Chloroethane	UG/L	0.9B	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58BR	59B	5AR	5C	6	61A	62
	SampleID	TK2639	TK2893	TK2842	TK2844	TK2651	TK2982	TK2988
	SampleDate	13-OCT-98	12-NOV-98	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Chloroform	UG/L	1U	0.9B	1U	1U	1U	1U	0.5B
Chloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	3.6=	NA	21=	8=	1U	0.7B	6.4=
cis-1,2-Dichloroethylene	UG/L	NA	140JD	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	1U	1U	1U	1U	0.6B	17=
Ethylbenzene	UG/L	1B	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1.3=	1U	1U	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	0.6B	0.7B	1U	1U	1U	1U	1U
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1.3=	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	1.1=	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U		1U	1U	1U	1U	97=
Toluene	UG/L	1U	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	0.7B	0.7B	3.6=	1=	1U	1U	1U
Trichloroethylene (TCE)	UG/L	NA	3800=	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	1U		3.2=	1.1=	1U	6.5=	3.9=
Trichlorofluoromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	3.5=	1U	1U	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B	76A	77A	78A	79BR	83BR	84B
	SampleID	TK3046	TK2967	TK3016	TK2956	TK3030	TK2876	TK2866
	SampleDate	27-NOV-98	18-NOV-98	24-NOV-98	20-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	6=	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1.7=	1U	1U	1U	1U	1=	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	0.9B	1U	1U	1U	15=	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	35=	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	4.2=	3=	1U	1U	2.9=	2.1=	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	0.6JB	5U	0.8JB	5U	5U	5U
Benzene	UG/L	0.9B	1U	1U	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	6.5=	4.2=	1U	1U	1U	2.2=	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

StationID	75B		76A		77A		78A		79BR		83BR		84B	
SampleID	TK3046		TK2967		TK3016		TK2956		TK3030		TK2876		TK2866	
SampleDate	27-NOV-98		18-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98		09-NOV-98		06-NOV-98	
Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**													
Chloroform	UG/L		1U		1U		1U		0.6B		0.9B		1U	
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U	
cis-1,2-Dichloroethene	UG/L		40=		1.9=		1U		3.4=		43E		6.5=	
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U	
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U	
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		6.6=		1U	
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U	
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U	
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U	
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA	
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U	
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U	
Methylene Chloride	UG/L		1B		1U		1U		1U		1U		1U	
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U	
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U	
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U	
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U	
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U	
Styrene	UG/L		1U		1U		1U		1U		1U		1U	
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U	
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA	
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1.9=		1U	
Toluene	UG/L		1U		1U		1U		1U		1U		1U	
trans-1,2-Dichloroethene	UG/L		1.6=		1U		1U		1U		1.7=		1U	
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA	
Trichloroethylene	UG/L		280=		1U		1U		66=		6400=		290=	
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U	
Vinyl Chloride	UG/L		12=		4.5=		1U		1U		1U		3.5=	

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	85C	86B	9A	EX-A01	EX-A02	EX-A03	EX-A04
	SampleID	TK2996	TK2960	TK2834	TK3081	TK3082	TK3083	TK3087
	SampleDate	23-NOV-98	20-NOV-98	04-NOV-98	02-DEC-98	02-DEC-98	02-DEC-98	02-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	0.9B	1.4B	5U	5U
Benzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	85C		86B		9A		EX-A01		EX-A02		EX-A03		EX-A04	
	SampleID	TK2996		TK2960		TK2834		TK3081		TK3082		TK3083		TK3087	
	SampleDate	23-NOV-98		20-NOV-98		04-NOV-98		02-DEC-98		02-DEC-98		02-DEC-98		02-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Chloroform	UG/L		1U		1.4=		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		3.1=		1U		1.1=		1U		1U		1U		1U
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1.4=		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1.3=		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		6.4=		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		150=		1U		1.5=		14=		20=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A05	EX-A06	EX-A07	EX-A08	EX-A09	EX-A10	EX-A11	EX-A12
	SampleID	TK3076	TK3075	TK3090	TK3072	TK3091	TK3070	TK3069	TK3068
	SampleDate	01-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	0.6B	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1.9=	5=	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	20=	1U	8.6=	19=	1.8=	2=	11=
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	2.9=	7=	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
Benzene	UG/L	1U	1U	1U	1.4=	1.9=	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	0.9B	1U	23=	63=	1U	0.8B	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A05		EX-A06		EX-A07		EX-A08		EX-A09		EX-A10		EX-A11		EX-A12	
	SampleID	TK3076		TK3075		TK3090		TK3072		TK3091		TK3070		TK3069		TK3068	
	SampleDate	01-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98		01-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
Chloroform	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		0.7B
cis-1,2-Dichloroethene	UG/L		1U		29=		14=		170=		280=		29=		46=		46=
cis-1,2-Dichloroethylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		3=
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		5.9=		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1.1=		2.8=		1U		1U		1.5=
Trichloroethylene (TCE)	UG/L		NA		NA		NA		NA		NA		NA		NA		NA
Trichloroethylene	UG/L		1U		2=		1U		22=		9=		2=		34=		53=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		2=		2.3=		1U		1U		1U

NA=Not Analyzed

TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 199

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B01	EX-B02	EX-B03	EX-B04	EX-B05	EX-B06	EX-B07	EX-B08
	SampleID	TK3080	TK3084	TK3086	TK3077	TK3079	TK3067	TK3066	TK3065
	SampleDate	02-DEC-98	02-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1=	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	110=	180=	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
Benzene	UG/L	1U	1U	1U	1U	1U	0.8B	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	8.3=	5.7=	1U	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U

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TABLE A.17b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B01	EX-B02	EX-B03	EX-B04	EX-B05	EX-B06	EX-B07	EX-B08
	SampleID	TK3080	TK3084	TK3086	TK3077	TK3079	TK3067	TK3066	TK3065
	SampleDate	02-DEC-98	02-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Chloroform	UG/L	1U	0.7B	1U	1U	0.6B	0.6B	1U	1U
Chloromethane	UG/L	0.6B	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	UG/L	1U	1U	2=	5.1=	58E	110=	1U	1U
cis-1,2-Dichloroethylene	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Dibromomethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L	1U	1U	1U	1U	1U	3.6=	1U	1U
Ethylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
m&p Xylene	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylenes	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	UG/L	5U	5U	5U	5U	5U	5U	5U	5U
Methylene Chloride	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
n-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
n-Propylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Naphthalene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Sec-butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Styrene	UG/L	1U	1.3=	1U	1U	1U	1U	1U	1U
t-Butylbenzene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	UG/L	1U	1U	1U	1U	0.8B	3.3=	1U	1U
Trichloroethylene (TCE)	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	UG/L	21=	1U	40=	79=	640=	90=	1U	45=
Trichlorofluoromethane	UG/L	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl Chloride	UG/L	1U	1U	1U	1U	8.4=	11=	1U	1U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	11A	13	1-66B	1-66B	1-67B	1-67B
	SampleID	TK2849	TK3020	TK2579	TK2120	TK3500	TK2229	TK3518
	SampleDate	05-NOV-98	25-NOV-98	06-OCT-98	11-AUG-98	15-JAN-99	24-AUG-98	18-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	NA	11U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	54U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	11U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	11U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	11U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	54U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	11U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	11U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	11U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	11U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	11U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	11U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	54U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	11U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	11U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	22U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	54U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	54U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	11U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	11U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	11U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	11U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	54U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	54U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	11U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	11U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	11U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	11U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	11U	10U	10U

TABLE A.18a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	11A	13	1-66B	1-66B	1-67B	1-67B
	SampleID	TK2849	TK3020	TK2579	TK2120	TK3500	TK2229	TK3518
	SampleDate	05-NOV-98	25-NOV-98	06-OCT-98	11-AUG-98	15-JAN-99	24-AUG-98	18-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	11U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	11U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	11U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	54U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	11U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	11U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	11U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	10U	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	11U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	11U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	11U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	20=	11U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	11U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	11U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	11U	10U	10U
Diethylphthalate	UG/L	10U	10U	21=	2B	11U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	NA	11U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	10U	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	11U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	11U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	11U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	11U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	11U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	11U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	11U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	11U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	11U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	11U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	11U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	54U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	11U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	11U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	11U	10U	10U

NA=Not Analyzed

TABLE A.18a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		1AR		2-106B		2-11		2-111B		2-112B		2-113B		2-114B	
	SampleID	TK2849		TK2831		TK2526		TK2999		TK2529		TK2569		TK2571		TK2618	
	SampleDate	05-NOV-98		04-NOV-98		28-SEP-98		23-NOV-98		28-SEP-98		01-OCT-98		01-OCT-98		09-OCT-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																
1,2,4-Trichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
1,2-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
1,3-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,2-oxybis(1-Chloropropane)	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,4,5-Trichlorophenol	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,4-Dichlorophenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,4-Dimethylphenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,4-Dinitrophenol	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
2,4-Dinitrotoluene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2-Chloronaphthalene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2-Chlorophenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2-Methylnaphthalene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
2-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
2-Nitrophenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
3+4-Methyphenols	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
3,3'-Dichlorobenzidine	UG/L	20U		20U		20U		20U		20U		20U		20U		20U	
3-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
4,6-Dinitro-2-methylphenol	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
4-Bromophenyl Phenyl Ether	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
4-Chloroaniline	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
4-Chlorophenyl Phenyl Ether	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
4-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
4-Nitrophenol	UG/L	50U		50U		50U		50U		50U		50U		50U		50U	
Acenaphthene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
Acenaphthylene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
Anthracene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
Benzo(a)anthracene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	
Benzo(a)pyrene	UG/L	10U		10U		10U		10U		10U		10U		10U		10U	

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	1AR	2-106B	2-11	2-111B	2-112B	2-113B	2-114B
	SampleID	TK2849	TK2831	TK2526	TK2999	TK2529	TK2569	TK2571	TK2618
	SampleDate	05-NOV-98	04-NOV-98	28-SEP-98	23-NOV-98	28-SEP-98	01-OCT-98	01-OCT-98	09-OCT-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	6.6B	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-115B	2-122A	2-123A	2-124A	2-125A	2-126A	2-127A
	SampleID	TK2849	TK2621	TK3060	TK2989	TK2894	TK2887	TK2855	TK3099
	SampleDate	05-NOV-98	09-OCT-98	30-NOV-98	23-NOV-98	10-NOV-98	09-NOV-98	05-NOV-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	2.4B
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-115B	2-122A	2-123A	2-124A	2-125A	2-126A	2-127A
	SampleID	TK2849	TK2621	TK3060	TK2989	TK2894	TK2887	TK2855	TK3099
	SampleDate	05-NOV-98	09-OCT-98	30-NOV-98	23-NOV-98	10-NOV-98	09-NOV-98	05-NOV-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	3B	10U	10U	4B	3.1B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-128A	2-129A	2-130A	2-131A	2-132A	2-133A	2-134B
	SampleID	TK2849	TK3034	TK2869	TK3040	TK2899	TK2921	TK3054	TK3051
	SampleDate	05-NOV-98	25-NOV-98	06-NOV-98	27-NOV-98	11-NOV-98	13-NOV-98	30-NOV-98	30-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	12U	10U	10U	1.1B	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	24U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-128A	2-129A	2-130A	2-131A	2-132A	2-133A	2-134B
	SampleID	TK2849	TK3034	TK2869	TK3040	TK2899	TK2921	TK3054	TK3051
	SampleDate	05-NOV-98	25-NOV-98	06-NOV-98	27-NOV-98	11-NOV-98	13-NOV-98	30-NOV-98	30-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	12U	3.2B	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	12U	4B	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	60U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	12U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	12U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-135B	2-136B	2-137B	2-138B	2-139B	2-141B	2-142B
	SampleID	TK2849	TK3005	TK3009	TK3156	TK3175	TK3178	TK3150	TK2938
	SampleDate	05-NOV-98	23-NOV-98	23-NOV-98	09-DEC-98	10-DEC-98	10-DEC-98	09-DEC-98	16-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-135B	2-136B	2-137B	2-138B	2-139B	2-141B	2-142B
	SampleID	TK2849	TK3005	TK3009	TK3156	TK3175	TK3178	TK3150	TK2938
	SampleDate	05-NOV-98	23-NOV-98	23-NOV-98	09-DEC-98	10-DEC-98	10-DEC-98	09-DEC-98	16-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	1.1B	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	1.1B	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-143B	2-144B	2-167B	2-168B	2-19B	2-20B	2-214A
	SampleID	TK2849	TK3131	TK3235	TK2951	TK2952	TK2976	TK2981	TK3094
	SampleDate	05-NOV-98	07-DEC-98	16-DEC-98	17-NOV-98	17-NOV-98	20-NOV-98	20-NOV-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	52=	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	2.2B	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	3.3B	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-143B	2-144B	2-167B	2-168B	2-19B	2-20B	2-214A
	SampleID	TK2849	TK3131	TK3235	TK2951	TK2952	TK2976	TK2981	TK3094
	SampleDate	05-NOV-98	07-DEC-98	16-DEC-98	17-NOV-98	17-NOV-98	20-NOV-98	20-NOV-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	4.7B	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-21B	2-228	2-229	2-230	2-231	2-271B
	SampleID	TK2849	TK2587	TK2595	TK2596	TK2598	TK2599	TK2931
	SampleDate	05-NOV-98	06-OCT-98	07-OCT-98	07-OCT-98	07-OCT-98	07-OCT-98	16-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-21B	2-228	2-229	2-230	2-231	2-271B
	SampleID	TK2849	TK2587	TK2595	TK2596	TK2598	TK2599	TK2931
	SampleDate	05-NOV-98	06-OCT-98	07-OCT-98	07-OCT-98	07-OCT-98	07-OCT-98	16-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	11=	11=	2.1B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	23=	23=	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-272B	2-273B	2-274B	2-278B	2-279B	2-280B
	SampleID	TK2849	TK2932	TK2933	TK2935	TK3199	TK3403	TK3405
	SampleDate	05-NOV-98	16-NOV-98	16-NOV-98	16-NOV-98	11-DEC-98	07-JAN-99	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	1.2B	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-272B	2-273B	2-274B	2-278B	2-279B	2-280B
	SampleID	TK2849	TK2932	TK2933	TK2935	TK3199	TK3403	TK3405
	SampleDate	05-NOV-98	16-NOV-98	16-NOV-98	16-NOV-98	11-DEC-98	07-JAN-99	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-281B	2-282B	2-285B	2-287B	2-288B	2-290B	2-291B
	SampleID	TK2849	TK3135	TK3170	TK3239	TK3114	TK3116	TK2879	TK2880
	SampleDate	05-NOV-98	07-DEC-98	10-DEC-98	16-DEC-98	04-DEC-98	04-DEC-98	09-NOV-98	09-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-281B	2-282B	2-285B	2-287B	2-288B	2-290B	2-291B
	SampleID	TK2849	TK3135	TK3170	TK3239	TK3114	TK3116	TK2879	TK2880
	SampleDate	05-NOV-98	07-DEC-98	10-DEC-98	16-DEC-98	04-DEC-98	04-DEC-98	09-NOV-98	09-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	3.1B
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-292B	2-293B	2-294B	2-295B	2-296B	2-297B	2-298B
	SampleID	TK2849	TK2881	TK2885	TK2825	TK2826	TK2903	TK3096	TK3097
	SampleDate	05-NOV-98	09-NOV-98	09-NOV-98	03-NOV-98	03-NOV-98	10-NOV-98	03-DEC-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	2.5B	2.2B	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	1.3B	4.4B	3.3B	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-292B	2-293B	2-294B	2-295B	2-296B	2-297B	2-298B
	SampleID	TK2849	TK2881	TK2885	TK2825	TK2826	TK2903	TK3096	TK3097
	SampleDate	05-NOV-98	09-NOV-98	09-NOV-98	03-NOV-98	03-NOV-98	10-NOV-98	03-DEC-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**								
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	3.8B	10U	1.3B	10U	5.2B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	1.9B	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-299B	2-300B	2-301B	2-302B	2-304B	2-310B
	SampleID	TK2849	TK2882	TK2845	TK2622	TK2572	TK2883	TK3119
	SampleDate	05-NOV-98	09-NOV-98	04-NOV-98	09-OCT-98	01-OCT-98	09-NOV-98	04-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.18a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	2-299B	2-300B	2-301B	2-302B	2-304B	2-310B
	SampleID	TK2849	TK2882	TK2845	TK2622	TK2572	TK2883	TK3119
	SampleDate	05-NOV-98	09-NOV-98	04-NOV-98	09-OCT-98	01-OCT-98	09-NOV-98	04-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	4.5B	8.2B	10U	2.1B	2.1B	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B	2-325B	2-328B	2-329B	2-333B	2-334B	2-335B	2-342B	2-343B	2-344B
	SampleID	TK3120	TK3408	TK3161	TK3243	TK3036	TK2925	TK2926	TK3244	TK3171	TK3409
	SampleDate	04-DEC-98	07-JAN-99	09-DEC-98	16-DEC-98	27-NOV-98	13-NOV-98	13-NOV-98	16-DEC-98	10-DEC-98	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U	20U	22U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U

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TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B	2-325B	2-328B	2-329B	2-333B	2-334B	2-335B	2-342B	2-343B	2-344B
	SampleID	TK3120	TK3408	TK3161	TK3243	TK3036	TK2925	TK2926	TK3244	TK3171	TK3409
	SampleDate	04-DEC-98	07-JAN-99	09-DEC-98	16-DEC-98	27-NOV-98	13-NOV-98	13-NOV-98	16-DEC-98	10-DEC-98	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	55U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-347B	2-348B	2-349B	2-350B	2-351B	2-352B	2-355B	2-356B	2-358B	2-359B
	SampleID	TK3411	TK3412	TK3429	TK3165	TK3163	TK3245	TK2513	TK2514	TK2533	TK2534
	SampleDate	07-JAN-99	07-JAN-99	11-JAN-99	09-DEC-98	09-DEC-98	16-DEC-98	25-SEP-98	25-SEP-98	28-SEP-98	28-SEP-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	21U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-347B	2-348B	2-349B	2-350B	2-351B	2-352B	2-355B	2-356B	2-358B	2-359B
	SampleID	TK3411	TK3412	TK3429	TK3165	TK3163	TK3245	TK2513	TK2514	TK2533	TK2534
	SampleDate	07-JAN-99	07-JAN-99	11-JAN-99	09-DEC-98	09-DEC-98	16-DEC-98	25-SEP-98	25-SEP-98	28-SEP-98	28-SEP-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	11U	10U	10U	10U	10U	4.3B	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	11U	9.9B	1.4B	10U	10U	1.3B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	53U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	11U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-392B	2-393B	2-62B	2-63B	2-64B	2-65B	2-66A	2-67A	2-67B	2-68A
	SampleID	TK3024	TK3025	TK2945	TK2947	TK2949	TK2930	TK2812	TK3103	TK3104	TK3105
	SampleDate	24-NOV-98	24-NOV-98	17-NOV-98	17-NOV-98	17-NOV-98	16-NOV-98	30-OCT-98	03-DEC-98	03-DEC-98	03-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	190=	10U	10U	12U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10=	10U	10U	12U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	35=	10U	10U	12U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	24U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	60U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	12U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-392B		2-393B		2-62B		2-63B		2-64B		2-65B		2-66A		2-67A		2-67B		2-68A	
	SampleID	TK3024		TK3025		TK2945		TK2947		TK2949		TK2930		TK2812		TK3103		TK3104		TK3105	
	SampleDate	24-NOV-98		24-NOV-98		17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98		03-DEC-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																				
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		60U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		1.9B		5.5B		10U		10U		10U		12U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		7B		10U		10U		10U		10U		12U		2.2B		10U		2.7B		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Diethylphthalate	UG/L		1.9B		10U		10U		10U		10U		2B		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		60U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		12U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-68B	2AR	3A	41AR	42AR	43AR	45AR	46AR	47AR	4AR
	SampleID	TK3106	TK2838	TK3014	TK3339	TK3343	TK3124	TK2815	TK2820	TK2915	TK2965
	SampleDate	03-DEC-98	04-NOV-98	24-NOV-98	31-DEC-98	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	2.4B	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	3.4B	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U		10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-68B	2AR	3A	41AR	42AR	43AR	45AR	46AR	47AR	4AR
	SampleID	TK3106	TK2838	TK3014	TK3339	TK3343	TK3124	TK2815	TK2820	TK2915	TK2965
	SampleDate	03-DEC-98	04-NOV-98	24-NOV-98	31-DEC-98	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	10U	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	3.6B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	1.5B	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	NA	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	10U	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58BR	59B	5AR	5C	6	61A	62	75B	76A	77A
	SampleID	TK2639	TK2893	TK2842	TK2844	TK2651	TK2982	TK2988	TK3046	TK2967	TK3016
	SampleDate	13-OCT-98	12-NOV-98	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98	27-NOV-98	18-NOV-98	24-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	2.9B	10U	10U	10U	10U	10U	10U	2.5B	2.3B	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	58BR	59B	5AR	5C	6	61A	62	75B	76A	77A
	SampleID	TK2639	TK2893	TK2842	TK2844	TK2651	TK2982	TK2988	TK3046	TK2967	TK3016
	SampleDate	13-OCT-98	12-NOV-98	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98	27-NOV-98	18-NOV-98	24-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	3.8B	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	97=	10U	10U	10U	10U	3B	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	78A	79BR	83BR	84B	85C	86B	9A	EX-A01	EX-A02	EX-A03
	SampleID	TK2956	TK3030	TK2876	TK2866	TK2996	TK2960	TK2834	TK3081	TK3082	TK3083
	SampleDate	20-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98	04-NOV-98	02-DEC-98	02-DEC-98	02-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	11=	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	1.8B	1.5B	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	78A	79BR	83BR	84B	85C	86B	9A	EX-A01	EX-A02	EX-A03
	SampleID	TK2956	TK3030	TK2876	TK2866	TK2996	TK2960	TK2834	TK3081	TK3082	TK3083
	SampleDate	20-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98	04-NOV-98	02-DEC-98	02-DEC-98	02-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10=	10U	NA	10U	10U	2.5B	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	6.5B	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A04	EX-A05	EX-A06	EX-A07	EX-A08	EX-A09	EX-A10	EX-A11	EX-A12	EX-B01
	SampleID	TK3087	TK3076	TK3075	TK3090	TK3072	TK3091	TK3070	TK3069	TK3068	TK3080
	SampleDate	02-DEC-98	01-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98	02-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	1.2B	2.6B	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	2B	4B	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A04		EX-A05		EX-A06		EX-A07		EX-A08		EX-A09		EX-A10		EX-A11		EX-A12		EX-B01	
	SampleID	TK3087		TK3076		TK3075		TK3090		TK3072		TK3091		TK3070		TK3069		TK3068		TK3080	
	SampleDate	02-DEC-98		01-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98		01-DEC-98		02-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**																				
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		1.1B		10U		10U		10U		10U		1.3B		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		1.4B		10U		10U		4B		10U		10U		10U		1.2B		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		1.2B		10U		10U		10U		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B02	EX-B03	EX-B04	EX-B05	EX-B06	EX-B07	EX-B08
	SampleID	TK3084	TK3086	TK3077	TK3079	TK3067	TK3066	TK3065
	SampleDate	02-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,2-oxybis(1-Chloropropane)	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U	10U	10U
3+4-Methyphenols	UG/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U		50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

TABLE A.18b

Analytical Data Summary Table for SVOCs in the USZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B02	EX-B03	EX-B04	EX-B05	EX-B06	EX-B07	EX-B08
	SampleID	TK3084	TK3086	TK3077	TK3079	TK3067	TK3066	TK3065
	SampleDate	02-DEC-98	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	1.4B	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

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TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		11A		13		1-66B		1-66B	
	SampleID	TK2849		TK3020		TK2579		TK2120		TK3500	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		11-AUG-98		15-JAN-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
4,4'-DDE	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
4,4'-DDT	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Aldrin	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Alpha-bhc	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Alpha-chlordane	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Aroclor-1016	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Aroclor-1221	UG/L		0.66U		0.68U		0.66U		0.66U		0.68U
Aroclor-1232	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Aroclor-1242	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Aroclor-1248	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Aroclor-1254	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Aroclor-1260	UG/L		0.51U		0.53U		0.51U		0.51U		0.53U
Beta-BHC	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Delta-BHC	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Dieldrin	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Endosulfan I	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Endosulfan II	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Endosulfan Sulfate	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Endrin Aldehyde	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Endrin Ketone	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Endrin	UG/L		0.071U		0.074U		0.071U		0.071U		0.074U
Gamma-BHC	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Gamma-chlordane	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Heptachlor	UG/L		0.030U		0.032U		0.030U		0.031U		0.032U
Methoxychlor	UG/L		0.30U		0.32U		0.30U		0.31U		0.32U
Toxaphene	UG/L		2.0U		2.1U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1-67B		1AR		2-106B		2-11	
	SampleID	TK2229		TK3518		TK2831		TK2526		TK2999	
	SampleDate	24-AUG-98		18-JAN-99		04-NOV-98		28-SEP-98		23-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
4,4'-DDE	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
4,4'-DDT	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Aldrin	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Alpha-bhc	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Alpha-chlordane	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Aroclor-1016	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Aroclor-1221	UG/L		0.66U		0.70U		0.66U		0.72U		0.65U
Aroclor-1232	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Aroclor-1242	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Aroclor-1248	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Aroclor-1254	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Aroclor-1260	UG/L		0.51U		0.54U		0.51U		0.56U		0.50U
Beta-BHC	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Delta-BHC	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Dieldrin	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Endosulfan I	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Endosulfan II	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Endosulfan Sulfate	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Endrin Aldehyde	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Endrin Ketone	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Endrin	UG/L		0.071U		0.075U		0.071U		0.078U		0.070U
Gamma-BHC	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Gamma-chlordane	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Heptachlor Epoxide	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Heptachlor	UG/L		0.030U		0.032U		0.030U		0.033U		0.030U
Methoxychlor	UG/L		0.30U		0.32U		0.30U		0.33U		0.30U
Toxaphene	UG/L		2.0U		2.2U		2.0U		2.2U		2.0U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-112B		2-113B		2-114B		2-115B	
	SampleID	TK2529		TK2569		TK2571		TK2618		TK2621	
	SampleDate	28-SEP-98		01-OCT-98		01-OCT-98		09-OCT-98		09-OCT-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
4,4'-DDD	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
4,4'-DDE	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
4,4'-DDT	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Aldrin	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Alpha-bhc	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Alpha-chlordane	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Aroclor-1016	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Aroclor-1221	UG/L		0.67U		0.66U		0.66U		0.72U		0.65U
Aroclor-1232	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Aroclor-1242	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Aroclor-1248	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Aroclor-1254	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Aroclor-1260	UG/L		0.52U		0.51U		0.51U		0.56U		0.50U
Beta-BHC	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Delta-BHC	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Dieldrin	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Endosulfan I	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Endosulfan II	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Endosulfan Sulfate	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Endrin Aldehyde	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Endrin Ketone	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Endrin	UG/L		0.072U		0.071U		0.071U		0.078U		0.070U
Gamma-BHC	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Gamma-chlordane	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Heptachlor	UG/L		0.031U		0.030U		0.031U		0.033U		0.030U
Methoxychlor	UG/L		0.31U		0.30U		0.31U		0.33U		0.30U
Toxaphene	UG/L		2.1U		2.0U		2.0U		2.2U		2.0U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122A		2-123A		2-124A		2-125A		2-126A	
	SampleID	TK3060		TK2989		TK2894		TK2887		TK2855	
	SampleDate	30-NOV-98		23-NOV-98		10-NOV-98		09-NOV-98		05-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
4,4'-DDE	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
4,4'-DDT	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Aldrin	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Alpha-bhc	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Alpha-chlordane	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Aroclor-1016	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Aroclor-1221	UG/L		0.65U		0.67U		0.65U		0.66U		0.72U
Aroclor-1232	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Aroclor-1242	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Aroclor-1248	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Aroclor-1254	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Aroclor-1260	UG/L		0.50U		0.52U		0.50U		0.51U		0.56U
Beta-BHC	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Delta-BHC	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Dieldrin	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Endosulfan I	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Endosulfan II	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Endosulfan Sulfate	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Endrin Aldehyde	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Endrin Ketone	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Endrin	UG/L		0.070U		0.072U		0.070U		0.071U		0.078U
Gamma-BHC	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Gamma-chlordane	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Heptachlor Epoxide	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Heptachlor	UG/L		0.030U		0.031U		0.030U		0.031U		0.033U
Methoxychlor	UG/L		0.30U		0.31U		0.30U		0.31U		0.33U
Toxaphene	UG/L		2.0U		2.1U		2.0U		2.0U		2.2U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-127A		2-128A		2-129A		2-130A		2-131A	
	SampleID	TK3099		TK3034		TK2869		TK3040		TK2899	
	SampleDate	03-DEC-98		25-NOV-98		06-NOV-98		27-NOV-98		11-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
4,4'-DDE	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
4,4'-DDT	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Aldrin	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Alpha-bhc	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Alpha-chlordane	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Aroclor-1016	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Aroclor-1221	UG/L		0.66U		0.65U		0.67U		0.65U		0.67U
Aroclor-1232	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Aroclor-1242	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Aroclor-1248	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Aroclor-1254	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Aroclor-1260	UG/L		0.51U		0.50U		0.52U		0.50U		0.52U
Beta-BHC	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Delta-BHC	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Dieldrin	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Endosulfan I	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Endosulfan II	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Endosulfan Sulfate	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Endrin Aldehyde	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Endrin Ketone	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Endrin	UG/L		0.071U		0.070U		0.072U		0.070U		0.072U
Gamma-BHC	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Gamma-chlordane	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Heptachlor	UG/L		0.031U		0.030U		0.031U		0.030U		0.031U
Methoxychlor	UG/L		0.31U		0.30U		0.31U		0.30U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleID	TK2921		TK3054		TK3051		TK3005		TK3009	
	SampleDate	13-NOV-98		30-NOV-98		30-NOV-98		23-NOV-98		23-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
4,4'-DDE	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
4,4'-DDT	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Aldrin	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Alpha-bhc	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Alpha-chlordane	UG/L		0.030U		0.031U		0.034=		0.030U		0.032U
Aroclor-1016	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Aroclor-1221	UG/L		0.65U		0.66U		0.65U		0.65U		0.68U
Aroclor-1232	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Aroclor-1242	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Aroclor-1248	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Aroclor-1254	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Aroclor-1260	UG/L		0.50U		0.51U		0.50U		0.50U		0.53U
Beta-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Delta-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Dieldrin	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Endosulfan I	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Endosulfan II	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Endosulfan Sulfate	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Endrin Aldehyde	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Endrin Ketone	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Endrin	UG/L		0.070U		0.071U		0.070U		0.070U		0.074U
Gamma-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Gamma-chlordane	UG/L		0.030U		0.031U		0.043P		0.030U		0.032U
Heptachlor Epoxide	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Heptachlor	UG/L		0.030U		0.031U		0.030U		0.030U		0.032U
Methoxychlor	UG/L		0.30U		0.31U		0.30U		0.30U		0.32U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B	
	SampleID	TK3156		TK3175		TK3178		TK3150		TK2938	
	SampleDate	09-DEC-98		10-DEC-98		10-DEC-98		09-DEC-98		16-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
4,4'-DDE	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
4,4'-DDT	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Aldrin	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Alpha-bhc	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Alpha-chlordane	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Aroclor-1016	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Aroclor-1221	UG/L		0.72U		0.66U		0.66U		0.66U		0.67U
Aroclor-1232	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Aroclor-1242	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Aroclor-1248	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Aroclor-1254	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Aroclor-1260	UG/L		0.56U		0.51U		0.51U		0.51U		0.52U
Beta-BHC	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Delta-BHC	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Dieldrin	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Endosulfan I	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Endosulfan II	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Endosulfan Sulfate	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Endrin Aldehyde	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Endrin Ketone	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Endrin	UG/L		0.078U		0.071U		0.071U		0.071U		0.072U
Gamma-BHC	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Gamma-chlordane	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Heptachlor Epoxide	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Heptachlor	UG/L		0.033U		0.030U		0.031U		0.031U		0.031U
Methoxychlor	UG/L		0.33U		0.30U		0.31U		0.31U		0.31U
Toxaphene	UG/L		2.2U		2.0U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-143B		2-144B		2-167B		2-168B		2-19B	
	SampleID	TK3131		TK3235		TK2951		TK2952		TK2976	
	SampleDate	07-DEC-98		16-DEC-98		17-NOV-98		17-NOV-98		20-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
4,4'-DDE	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
4,4'-DDT	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Aldrin	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Alpha-bhc	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Alpha-chlordane	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Aroclor-1016	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Aroclor-1221	UG/L		0.72U		0.72U		0.66U		0.68U		0.65U
Aroclor-1232	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Aroclor-1242	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Aroclor-1248	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Aroclor-1254	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Aroclor-1260	UG/L		0.56U		0.56U		0.51U		0.53U		0.50U
Beta-BHC	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Delta-BHC	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Dieldrin	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Endosulfan I	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Endosulfan II	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Endosulfan Sulfate	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Endrin Aldehyde	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Endrin Ketone	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Endrin	UG/L		0.078U		0.078U		0.071U		0.074U		0.070U
Gamma-BHC	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Gamma-chlordane	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Heptachlor Epoxide	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Heptachlor	UG/L		0.033U		0.033U		0.031U		0.032U		0.030U
Methoxychlor	UG/L		0.33U		0.33U		0.31U		0.32U		0.30U
Toxaphene	UG/L		2.2U		2.2U		2.0U		2.1U		2.0U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B		2-214A		2-21B		2-228		2-229	
	SampleID	TK2981		TK3094		TK2587		TK2595		TK2596	
	SampleDate	20-NOV-98		03-DEC-98		06-OCT-98		07-OCT-98		07-OCT-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
4,4'-DDD	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
4,4'-DDE	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
4,4'-DDT	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Aldrin	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Alpha-bhc	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Alpha-chlordane	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Aroclor-1016	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Aroclor-1221	UG/L		0.68U		0.65U		0.66U		0.65U		0.68U
Aroclor-1232	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Aroclor-1242	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Aroclor-1248	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Aroclor-1254	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Aroclor-1260	UG/L		0.53U		0.50U		0.51U		0.50U		0.53U
Beta-BHC	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Delta-BHC	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Dieldrin	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Endosulfan I	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Endosulfan II	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Endosulfan Sulfate	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Endrin Aldehyde	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Endrin Ketone	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Endrin	UG/L		0.074U		0.070U		0.071U		0.070U		0.074U
Gamma-BHC	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Gamma-chlordane	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Heptachlor Epoxide	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Heptachlor	UG/L		0.032U		0.030U		0.031U		0.030U		0.032U
Methoxychlor	UG/L		0.32U		0.30U		0.31U		0.30U		0.32U
Toxaphene	UG/L		2.1U		2.0U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-230		2-231		2-271B		2-272B		2-273B	
	SampleID	TK2598		TK2599		TK2931		TK2932		TK2933	
	SampleDate	07-OCT-98		07-OCT-98		16-NOV-98		16-NOV-98		16-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
4,4'-DDE	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
4,4'-DDT	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Aldrin	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Alpha-bhc	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Alpha-chlordane	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Aroclor-1016	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Aroclor-1221	UG/L		0.65U		0.65U		0.68U		0.66U		0.66U
Aroclor-1232	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Aroclor-1242	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Aroclor-1248	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Aroclor-1254	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Aroclor-1260	UG/L		0.50U		0.50U		0.53U		0.51U		0.51U
Beta-BHC	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Delta-BHC	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Dieldrin	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Endosulfan I	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Endosulfan II	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Endrin Ketone	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Endrin	UG/L		0.070U		0.070U		0.074U		0.071U		0.071U
Gamma-BHC	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Gamma-chlordane	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Heptachlor	UG/L		0.030U		0.030U		0.032U		0.030U		0.031U
Methoxychlor	UG/L		0.30U		0.30U		0.32U		0.30U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.0U		2.0U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274B		2-278B		2-279B		2-280B		2-281B	
	SampleID	TK2935		TK3199		TK3403		TK3405		TK3135	
	SampleDate	16-NOV-98		11-DEC-98		07-JAN-99		07-JAN-99		07-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
4,4'-DDE	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
4,4'-DDT	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Aldrin	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Alpha-bhc	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Alpha-chlordane	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Aroclor-1016	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Aroclor-1221	UG/L		0.72U		0.67U		0.65U		0.68U		0.68U
Aroclor-1232	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Aroclor-1242	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Aroclor-1248	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Aroclor-1254	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Aroclor-1260	UG/L		0.56U		0.52U		0.50U		0.52U		0.53U
Beta-BHC	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Delta-BHC	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Dieldrin	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Endosulfan I	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Endosulfan II	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Endosulfan Sulfate	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Endrin Aldehyde	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Endrin Ketone	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Endrin	UG/L		0.078U		0.072U		0.070U		0.073U		0.074U
Gamma-BHC	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Gamma-chlordane	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Heptachlor	UG/L		0.033U		0.031U		0.030U		0.031U		0.032U
Methoxychlor	UG/L		0.33U		0.31U		0.30U		0.31U		0.32U
Toxaphene	UG/L		2.2U		2.1U		2.0U		2.1U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282B		2-285B		2-287B		2-288B		2-290B	
	SampleID	TK3170		TK3239		TK3114		TK3116		TK2879	
	SampleDate	10-DEC-98		16-DEC-98		04-DEC-98		04-DEC-98		09-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
4,4'-DDE	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
4,4'-DDT	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Aldrin	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Alpha-bhc	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Alpha-chlordane	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Aroclor-1016	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Aroclor-1221	UG/L		0.67U		0.68U		0.66U		0.66U		0.68U
Aroclor-1232	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Aroclor-1242	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Aroclor-1248	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Aroclor-1254	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Aroclor-1260	UG/L		0.52U		0.53U		0.51U		0.51U		0.53U
Beta-BHC	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Delta-BHC	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Dieldrin	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Endosulfan I	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Endosulfan II	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Endosulfan Sulfate	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Endrin Aldehyde	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Endrin Ketone	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Endrin	UG/L		0.072U		0.074U		0.071U		0.071U		0.074U
Gamma-BHC	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Gamma-chlordane	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Heptachlor	UG/L		0.031U		0.032U		0.030U		0.031U		0.032U
Methoxychlor	UG/L		0.31U		0.32U		0.30U		0.31U		0.32U
Toxaphene	UG/L		2.1U		2.1U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-293B		2-294B		2-295B	
	SampleID	TK2880		TK2881		TK2885		TK2825		TK2826	
	SampleDate	09-NOV-98		09-NOV-98		09-NOV-98		03-NOV-98		03-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
4,4'-DDE	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
4,4'-DDT	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Aldrin	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Alpha-bhc	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Alpha-chlordane	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Aroclor-1016	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Aroclor-1221	UG/L		0.68U		0.69U		0.68U		0.66U		0.66U
Aroclor-1232	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Aroclor-1242	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Aroclor-1248	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Aroclor-1254	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Aroclor-1260	UG/L		0.53U		0.53U		0.53U		0.51U		0.51U
Beta-BHC	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Delta-BHC	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Dieldrin	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Endosulfan I	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Endosulfan II	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Endosulfan Sulfate	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Endrin Aldehyde	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Endrin Ketone	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Endrin	UG/L		0.074U		0.074U		0.074U		0.071U		0.071U
Gamma-BHC	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Gamma-chlordane	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Heptachlor	UG/L		0.032U		0.032U		0.032U		0.030U		0.031U
Methoxychlor	UG/L		0.32U		0.32U		0.32U		0.30U		0.31U
Toxaphene	UG/L		2.1U		2.1U		2.1U		2.0U		2.0U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-296B		2-297B		2-298B		2-299B		2-300B	
	SampleID	TK2903		TK3096		TK3097		TK2882		TK2845	
	SampleDate	10-NOV-98		03-DEC-98		03-DEC-98		09-NOV-98		04-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
4,4'-DDE	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
4,4'-DDT	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Aldrin	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Alpha-bhc	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Alpha-chlordane	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Aroclor-1016	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Aroclor-1221	UG/L		0.66U		0.65U		0.65U		0.65U		0.68U
Aroclor-1232	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Aroclor-1242	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Aroclor-1248	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Aroclor-1254	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Aroclor-1260	UG/L		0.51U		0.50U		0.50U		0.50U		0.52U
Beta-BHC	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Delta-BHC	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Dieldrin	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Endosulfan I	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Endosulfan II	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Endosulfan Sulfate	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Endrin Aldehyde	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Endrin Ketone	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Endrin	UG/L		0.071U		0.070U		0.070U		0.070U		0.073U
Gamma-BHC	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Gamma-chlordane	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Heptachlor	UG/L		0.031U		0.030U		0.030U		0.030U		0.031U
Methoxychlor	UG/L		0.31U		0.30U		0.30U		0.30U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.0U		2.1U

TABLE A.19a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-310B	
	SampleID	TK2622		TK2572		TK2883		TK3119	
	SampleDate	09-OCT-98		01-OCT-98		09-NOV-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	UG/L		0.074U		0.074U		0.071U		0.072U
4,4'-DDE	UG/L		0.074U		0.074U		0.071U		0.072U
4,4'-DDT	UG/L		0.074U		0.074U		0.071U		0.072U
Aldrin	UG/L		0.032U		0.032U		0.031U		0.031U
Alpha-bhc	UG/L		0.032U		0.032U		0.031U		0.031U
Alpha-chlordane	UG/L		0.032U		0.032U		0.031U		0.031U
Aroclor-1016	UG/L		0.53U		0.53U		0.51U		0.52U
Aroclor-1221	UG/L		0.68U		0.68U		0.66U		0.67U
Aroclor-1232	UG/L		0.53U		0.53U		0.51U		0.52U
Aroclor-1242	UG/L		0.53U		0.53U		0.51U		0.52U
Aroclor-1248	UG/L		0.53U		0.53U		0.51U		0.52U
Aroclor-1254	UG/L		0.53U		0.53U		0.51U		0.52U
Aroclor-1260	UG/L		0.53U		0.53U		0.51U		0.52U
Beta-BHC	UG/L		0.032U		0.032U		0.031U		0.031U
Delta-BHC	UG/L		0.032U		0.032U		0.031U		0.031U
Dieldrin	UG/L		0.074U		0.074U		0.071U		0.072U
Endosulfan I	UG/L		0.032U		0.032U		0.031U		0.031U
Endosulfan II	UG/L		0.074U		0.074U		0.071U		0.072U
Endosulfan Sulfate	UG/L		0.074U		0.074U		0.071U		0.072U
Endrin Aldehyde	UG/L		0.074U		0.074U		0.071U		0.072U
Endrin Ketone	UG/L		0.074U		0.074U		0.071U		0.072U
Endrin	UG/L		0.074U		0.074U		0.071U		0.072U
Gamma-BHC	UG/L		0.032U		0.032U		0.031U		0.031U
Gamma-chlordane	UG/L		0.032U		0.032U		0.031U		0.031U
Heptachlor Epoxide	UG/L		0.032U		0.032U		0.031U		0.031U
Heptachlor	UG/L		0.032U		0.032U		0.031U		0.031U
Methoxychlor	UG/L		0.32U		0.32U		0.31U		0.31U
Toxaphene	UG/L		2.1U		2.1U		2.0U		2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B		2-325B		2-328B		2-329B		2-333B		2-334B	
	SampleID	TK3120		TK3408		TK3161		TK3243		TK3036		TK2925	
	SampleDate	04-DEC-98		07-JAN-99		09-DEC-98		16-DEC-98		27-NOV-98		13-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
4,4'-DDE	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
4,4'-DDT	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Aldrin	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Alpha-bhc	UG/L		0.035U		0.031U		0.030U		0.031U		0.032P		0.032U
Alpha-chlordane	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Aroclor-1016	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Aroclor-1221	UG/L		0.76U		0.66U		0.65U		0.68U		0.66U		0.68U
Aroclor-1232	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Aroclor-1242	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Aroclor-1248	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Aroclor-1254	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Aroclor-1260	UG/L		0.59U		0.51U		0.50U		0.52U		0.51U		0.53U
Beta-BHC	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Delta-BHC	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Dieldrin	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Endosulfan I	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Endosulfan II	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Endosulfan Sulfate	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Endrin Aldehyde	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Endrin Ketone	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Endrin	UG/L		0.082U		0.071U		0.070U		0.073U		0.071U		0.074U
Gamma-BHC	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Gamma-chlordane	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Heptachlor	UG/L		0.035U		0.031U		0.030U		0.031U		0.031U		0.032U
Methoxychlor	UG/L		0.35U		0.31U		0.30U		0.31U		0.31U		0.32U
Toxaphene	UG/L		2.4U		2.0U		2.0U		2.1U		2.0U		2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-335B	2-342B	2-343B	2-344B	2-347B	2-348B
	SampleID	TK2926	TK3244	TK3171	TK3409	TK3411	TK3412
	SampleDate	13-NOV-98	16-DEC-98	10-DEC-98	07-JAN-99	07-JAN-99	07-JAN-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
4,4'-DDE	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
4,4'-DDT	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Aldrin	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Alpha-bhc	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Alpha-chlordane	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Aroclor-1016	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Aroclor-1221	UG/L	0.68U	0.69U	0.66U	0.71U	0.66U	0.67U
Aroclor-1232	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Aroclor-1242	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Aroclor-1248	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Aroclor-1254	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Aroclor-1260	UG/L	0.53U	0.53U	0.51U	0.55U	0.51U	0.52U
Beta-BHC	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Delta-BHC	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Dieldrin	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Endosulfan I	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Endosulfan II	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Endosulfan Sulfate	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Endrin Aldehyde	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Endrin Ketone	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Endrin	UG/L	0.074U	0.074U	0.071U	0.077U	0.071U	0.072U
Gamma-BHC	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Gamma-chlordane	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Heptachlor Epoxide	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Heptachlor	UG/L	0.032U	0.032U	0.030U	0.033U	0.031U	0.031U
Methoxychlor	UG/L	0.32U	0.32U	0.30U	0.33U	0.31U	0.31U
Toxaphene	UG/L	2.1U	2.1U	2.0U	2.2U	2.0U	2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349B		2-350B		2-351B		2-352B		2-355B		2-356B	
	SampleID	TK3429		TK3165		TK3163		TK3245		TK2513		TK2514	
	SampleDate	11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98		25-SEP-98		25-SEP-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
4,4'-DDE	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
4,4'-DDT	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Aldrin	UG/L		0.51P		0.031U		0.031U		0.032U		0.032U		0.031U
Alpha-bhc	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Alpha-chlordane	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Aroclor-1016	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Aroclor-1221	UG/L		0.68U		0.67U		0.67U		0.69U		0.68U		0.67U
Aroclor-1232	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Aroclor-1242	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Aroclor-1248	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Aroclor-1254	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Aroclor-1260	UG/L		0.53U		0.52U		0.52U		0.53U		0.53U		0.52U
Beta-BHC	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Delta-BHC	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Dieldrin	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Endosulfan I	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Endosulfan II	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Endosulfan Sulfate	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Endrin Aldehyde	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Endrin Ketone	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Endrin	UG/L		0.074U		0.072U		0.072U		0.074U		0.074U		0.072U
Gamma-BHC	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Gamma-chlordane	UG/L		0.74P		0.031U		0.031U		0.032U		0.032U		0.031U
Heptachlor Epoxide	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Heptachlor	UG/L		0.032U		0.031U		0.031U		0.032U		0.032U		0.031U
Methoxychlor	UG/L		0.32U		0.31U		0.31U		0.32U		0.32U		0.31U
Toxaphene	UG/L		2.1U		2.1U		2.1U		2.1U		2.1U		2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-358B		2-359B		2-392B		2-393B		2-62B		2-63B	
	SampleID	TK2533		TK2534		TK3024		TK3025		TK2945		TK2947	
	SampleDate	28-SEP-98		28-SEP-98		24-NOV-98		24-NOV-98		17-NOV-98		17-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
4,4'-DDE	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
4,4'-DDT	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Aldrin	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Alpha-bhc	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Alpha-chlordane	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Aroclor-1016	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Aroclor-1221	UG/L		0.66U		0.66U		0.68U		0.66U		0.72U		0.65U
Aroclor-1232	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Aroclor-1242	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Aroclor-1248	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Aroclor-1254	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Aroclor-1260	UG/L		0.51U		0.51U		0.53U		0.51U		0.56U		0.50U
Beta-BHC	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Delta-BHC	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Dieldrin	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Endosulfan I	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Endosulfan II	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Endosulfan Sulfate	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Endrin Aldehyde	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Endrin Ketone	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Endrin	UG/L		0.071U		0.071U		0.074U		0.071U		0.078U		0.070U
Gamma-BHC	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Gamma-chlordane	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Heptachlor	UG/L		0.031U		0.030U		0.032U		0.030U		0.033U		0.030U
Methoxychlor	UG/L		0.31U		0.30U		0.32U		0.30U		0.33U		0.30U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.0U		2.2U		2.0U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64B		2-65B		2-66A		2-67A		2-67B		2-68A	
	SampleID	TK2949		TK2930		TK2812		TK3103		TK3104		TK3105	
	SampleDate	17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98		03-DEC-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
4,4'-DDE	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
4,4'-DDT	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Aldrin	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Alpha-bhc	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Alpha-chlordane	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Aroclor-1016	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Aroclor-1221	UG/L		0.68U		0.65U		0.65U		0.68U		0.69U		0.65U
Aroclor-1232	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Aroclor-1242	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Aroclor-1248	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Aroclor-1254	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Aroclor-1260	UG/L		0.52U		0.50U		0.50U		0.52U		0.53U		0.50U
Beta-BHC	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Delta-BHC	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Dieldrin	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Endosulfan I	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Endosulfan II	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Endosulfan Sulfate	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Endrin Aldehyde	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Endrin Ketone	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Endrin	UG/L		0.073U		0.070U		0.070U		0.073U		0.074U		0.070U
Gamma-BHC	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Gamma-chlordane	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Heptachlor Epoxide	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Heptachlor	UG/L		0.031U		0.030U		0.030U		0.031U		0.032U		0.030U
Methoxychlor	UG/L		0.31U		0.30U		0.30U		0.31U		0.32U		0.30U
Toxaphene	UG/L		2.1U		2.0U		2.0U		2.1U		2.1U		2.0U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-68B		2AR		3A		41AR		42AR		43AR	
	SampleID	TK3106		TK2838		TK3014		TK3339		TK3343		TK3124	
	SampleDate	03-DEC-98		04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98		07-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
4,4'-DDE	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
4,4'-DDT	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Aldrin	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Alpha-bhc	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Alpha-chlordane	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Aroclor-1016	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Aroclor-1221	UG/L		0.66U		0.66U		0.68U		0.69U		0.68U		0.67U
Aroclor-1232	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Aroclor-1242	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Aroclor-1248	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Aroclor-1254	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Aroclor-1260	UG/L		0.51U		0.51U		0.53U		0.53U		0.52U		0.52U
Beta-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Delta-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Dieldrin	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Endosulfan I	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Endosulfan II	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Endosulfan Sulfate	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Endrin Aldehyde	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Endrin Ketone	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Endrin	UG/L		0.071U		0.071U		0.074U		0.074U		0.073U		0.072U
Gamma-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Gamma-chlordane	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Heptachlor Epoxide	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Heptachlor	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.031U
Methoxychlor	UG/L		0.30U		0.31U		0.32U		0.32U		0.31U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.1U		2.1U		2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR	46AR	47AR	4AR	58BR	59B
	SampleID	TK2815	TK2820	TK2915	TK2965	TK2639	TK2893
	SampleDate	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98	13-OCT-98	12-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
4,4'-DDE	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
4,4'-DDT	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Aldrin	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Alpha-bhc	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Alpha-chlordane	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Aroclor-1016	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Aroclor-1221	UG/L	0.68U	0.65U	0.65U	0.65U	0.66U	0.65U
Aroclor-1232	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Aroclor-1242	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Aroclor-1248	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Aroclor-1254	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Aroclor-1260	UG/L	0.52U	0.50U	0.50U	0.50U	0.51U	0.50U
Beta-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Delta-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Dieldrin	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Endosulfan I	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Endosulfan II	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Endosulfan Sulfate	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Endrin Aldehyde	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Endrin Ketone	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Endrin	UG/L	0.073U	0.070U	0.070U	0.070U	0.071U	0.070U
Gamma-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Gamma-chlordane	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Heptachlor	UG/L	0.031U	0.030U	0.030U	0.030U	0.031U	0.030U
Methoxychlor	UG/L	0.31U	0.30U	0.30U	0.30U	0.31U	0.30U
Toxaphene	UG/L	2.1U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5AR	5C	6	61A	62	75B
	SampleID	TK2842	TK2844	TK2651	TK2982	TK2988	TK3046
	SampleDate	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98	27-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Alpha-bhc	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.68U	0.65U	0.66U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.53U	0.50U	0.51U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Endrin	UG/L	0.070U	0.070U	0.074U	0.070U	0.071U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.032U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.32U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.1U	2.0U	2.0U	2.0U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	76A	77A	78A	79BR	83BR	84B
	SampleID	TK2967	TK3016	TK2956	TK3030	TK2876	TK2866
	SampleDate	18-NOV-98	24-NOV-98	20-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
4,4'-DDE	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
4,4'-DDT	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Aldrin	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Alpha-bhc	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Alpha-chlordane	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Aroclor-1016	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Aroclor-1221	UG/L	0.66U	0.70U	0.65U	0.66U	0.67U	0.66U
Aroclor-1232	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Aroclor-1242	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Aroclor-1248	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Aroclor-1254	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Aroclor-1260	UG/L	0.51U	0.54U	0.50U	0.51U	0.52U	0.51U
Beta-BHC	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Delta-BHC	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Dieldrin	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Endosulfan I	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Endosulfan II	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Endosulfan Sulfate	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Endrin Aldehyde	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Endrin Ketone	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Endrin	UG/L	0.071U	0.075U	0.070U	0.071U	0.072U	0.071U
Gamma-BHC	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Gamma-chlordane	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Heptachlor	UG/L	0.030U	0.032U	0.030U	0.031U	0.031U	0.030U
Methoxychlor	UG/L	0.30U	0.32U	0.30U	0.31U	0.31U	0.30U
Toxaphene	UG/L	2.0U	2.2U	2.0U	2.0U	2.1U	2.0U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	85C		86B		9A		EX-A01		EX-A02	
	SampleID	TK2996		TK2960		TK2834		TK3081		TK3082	
	SampleDate	23-NOV-98		20-NOV-98		04-NOV-98		02-DEC-98		02-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
4,4'-DDD	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
4,4'-DDE	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
4,4'-DDT	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Aldrin	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Alpha-bhc	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Alpha-chlordane	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Aroclor-1016	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Aroclor-1221	UG/L		0.65U		0.65U		0.65U		0.68U		0.71U
Aroclor-1232	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Aroclor-1242	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Aroclor-1248	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Aroclor-1254	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Aroclor-1260	UG/L		0.50U		0.50U		0.50U		0.53U		0.54U
Beta-BHC	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Delta-BHC	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Dieldrin	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Endosulfan I	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Endosulfan II	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Endrin Ketone	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Endrin	UG/L		0.070U		0.070U		0.070U		0.074U		0.076U
Gamma-BHC	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Gamma-chlordane	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Heptachlor	UG/L		0.030U		0.030U		0.030U		0.032U		0.033U
Methoxychlor	UG/L		0.30U		0.30U		0.30U		0.32U		0.33U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.1U		2.2U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A03		EX-A04		EX-A05		EX-A06		EX-A07		EX-A08	
	SampleID	TK3083		TK3087		TK3076		TK3075		TK3090		TK3072	
	SampleDate	02-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
4,4'-DDE	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
4,4'-DDT	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Aldrin	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Alpha-bhc	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Alpha-chlordane	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Aroclor-1016	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Aroclor-1221	UG/L	0.68U		0.72U		0.71U		0.71U		0.66U		0.71U	
Aroclor-1232	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Aroclor-1242	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Aroclor-1248	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Aroclor-1254	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Aroclor-1260	UG/L	0.53U		0.56U		0.54U		0.54U		0.51U		0.54U	
Beta-BHC	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Delta-BHC	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Dieldrin	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Endosulfan I	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Endosulfan II	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Endosulfan Sulfate	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Endrin Aldehyde	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Endrin Ketone	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Endrin	UG/L	0.074U		0.078U		0.076U		0.076U		0.071U		0.076U	
Gamma-BHC	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Gamma-chlordane	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Heptachlor Epoxide	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Heptachlor	UG/L	0.032U		0.033U		0.033U		0.033U		0.031U		0.033U	
Methoxychlor	UG/L	0.32U		0.33U		0.33U		0.33U		0.31U		0.33U	
Toxaphene	UG/L	2.1U		2.2U		2.2U		2.2U		2.0U		2.2U	

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09		EX-A10		EX-A11		EX-A12		EX-B01		EX-B02	
	SampleID	TK3091		TK3070		TK3069		TK3068		TK3080		TK3084	
	SampleDate	02-DEC-98		01-DEC-98		01-DEC-98		01-DEC-98		02-DEC-98		02-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
4,4'-DDE	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
4,4'-DDT	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Aldrin	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Alpha-bhc	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Alpha-chlordane	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Aroclor-1016	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Aroclor-1221	UG/L		0.68U		0.71U		0.72U		0.71U		0.68U		0.69U
Aroclor-1232	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Aroclor-1242	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Aroclor-1248	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Aroclor-1254	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Aroclor-1260	UG/L		0.53U		0.54U		0.56U		0.54U		0.53U		0.53U
Beta-BHC	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Delta-BHC	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Dieldrin	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Endosulfan I	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Endosulfan II	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Endosulfan Sulfate	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Endrin Aldehyde	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Endrin Ketone	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Endrin	UG/L		0.074U		0.076U		0.078U		0.076U		0.074U		0.074U
Gamma-BHC	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Gamma-chlordane	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Heptachlor Epoxide	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Heptachlor	UG/L		0.032U		0.033U		0.033U		0.033U		0.032U		0.032U
Methoxychlor	UG/L		0.32U		0.33U		0.33U		0.33U		0.32U		0.32U
Toxaphene	UG/L		2.1U		2.2U		2.2U		2.2U		2.1U		2.1U

TABLE A.19b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03	EX-B04	EX-B05	EX-B06	EX-B07	EX-B08
	SampleID	TK3086	TK3077	TK3079	TK3067	TK3066	TK3065
	SampleDate	02-DEC-98	01-DEC-98	02-DEC-98	01-DEC-98	01-DEC-98	01-DEC-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
4,4'-DDE	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
4,4'-DDT	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Aldrin	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Alpha-bhc	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Alpha-chlordane	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Aroclor-1016	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Aroclor-1221	UG/L	0.72U	0.71U	0.68U	0.69U	0.68U	0.68U
Aroclor-1232	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Aroclor-1242	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Aroclor-1248	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Aroclor-1254	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Aroclor-1260	UG/L	0.56U	0.54U	0.53U	0.53U	0.53U	0.53U
Beta-BHC	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Delta-BHC	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Dieldrin	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Endosulfan I	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Endosulfan II	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Endosulfan Sulfate	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Endrin Aldehyde	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Endrin Ketone	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Endrin	UG/L	0.078U	0.076U	0.074U	0.074U	0.074U	0.074U
Gamma-BHC	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Gamma-chlordane	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Heptachlor Epoxide	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Heptachlor	UG/L	0.033U	0.033U	0.032U	0.032U	0.032U	0.032U
Methoxychlor	UG/L	0.33U	0.33U	0.32U	0.32U	0.32U	0.32U
Toxaphene	UG/L	2.2U	2.2U	2.1U	2.1U	2.1U	2.1U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		11A		13		1-66B		1-66B		1-67B	
	SampleID	TK2849		TK3020		TK2579		TK2120		TK3500		TK2229	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		11-AUG-98		15-JAN-99		24-AUG-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		5.6B		4.0U		7.0U		4.0U		7.0U
Barium	UG/L		169=		65.3=		354=		1050=		1010=		57.6=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2650=		2.0B		2.0U		1.2B		1.0U		1610=
Lead	UG/L		2.0U		2.0U		2.3B		2.0U		1.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.3B		13.5=		1.2B		4.1=		1.0U		640=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		4.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1AR		2-106B		2-11		2-111B		2-112B	
	SampleID	TK3518		TK2831		TK2526		TK2999		TK2529		TK2569	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		23-NOV-98		28-SEP-98		01-OCT-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		47.4=		35.0=		6.9B		4.4B		6.0B		7.1B
Barium	UG/L		136=		2550=		456=		1590=		212=		210=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		18600=		12.4=		38.2=		2.0U		109=		538=
Lead	UG/L		4.0=		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1890=		24.1=		219=		5.5=		474=		172=
Selenium	UG/L		11.0=		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.1B		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113B		2-114B		2-115B		2-122A		2-123A		2-124A	
	SampleID	TK2571		TK2618		TK2621		TK3060		TK2989		TK2894	
	SampleDate	01-OCT-98		09-OCT-98		09-OCT-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		13.9=		5.9B		4.0U		4.0U		4.7B		4.0U
Barium	UG/L		535=		33.6=		251=		290=		1170=		93.6=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		162=		9.8=		176=		2.0U		2.0U		41.0=
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		345=		679=		277=		1.8B		2.4B		562=
Selenium	UG/L		5.0U		5.9=		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		5.2=		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-125A		2-126A		2-127A		2-128A		2-129A		2-130A	
	SampleID	TK2887		TK2855		TK3099		TK3034		TK2869		TK3040	
	SampleDate	09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98		27-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		4.0U		4.0U		8.8B		4.0U		4.0U
Barium	UG/L		232=		389=		410=		111=		420=		475=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		6.0=		4.2B		535=		2.0U		6.1=
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		44.9=		5.4=		4.3=		3.9B		2.2B		379=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131A		2-132A		2-133A		2-134B		2-135B		2-136B	
	SampleID	TK2899		TK2921		TK3054		TK3051		TK3005		TK3009	
	SampleDate	11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98		23-NOV-98		23-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		40.0=		9.2B		7.2B		8.9B		5.4B
Barium	UG/L		596=		329=		410=		389=		1080=		1000=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		4290=		601=		30.3=		2.0U		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		4.3=		710=		40.0=		11.6=		12.8=		3.6B
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0B		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137B		2-138B		2-139B		2-141B		2-142B		2-143B	
	SampleID	TK3156		TK3175		TK3178		TK3150		TK2938		TK3131	
	SampleDate	09-DEC-98		10-DEC-98		10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		723=		1330=		3290=		175=		134=		701=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		7.3=		22.6=		9.1=		53.8=		126=		19.0N
Lead	UG/L		2.0U		2.0U		70.5=		3.0=		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		31.6=		38.4=		30.0=		682=		517=		275=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-167B		2-168B		2-19B		2-20B		2-214A	
	SampleID	TK3235		TK2951		TK2952		TK2976		TK2981		TK3094	
	SampleDate	16-DEC-98		17-NOV-98		17-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		776=		558=		220=		2470=		1400=		173=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		8.8=		2.0U		7.3=		4.8B		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.2B		7.7=		2.6B		43.9=		7.4=		1.0B
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21B		2-228		2-229		2-230		2-231		2-271B	
	SampleID	TK2587		TK2595		TK2596		TK2598		TK2599		TK2931	
	SampleDate	06-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		07-OCT-98		16-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		4.0U		10.9=		4.0U		4.0U		4.0U
Barium	UG/L		273=		735=		338=		591=		451=		407=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		101=		2.0U		4.5B		2.2B
Lead	UG/L		2.0U		2.0U		4.5=		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		18.8=		1.6B		78.8=		1.5B		4.1=		10.1=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		14.5=		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-272B		2-273B		2-274B		2-278B		2-279B	
	SampleID	TK2932		TK2933		TK2935		TK3199		TK3403	
	SampleDate	16-NOV-98		16-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Arsenic	UG/L		4.0U		4.0U		36.2=		4.0U		4.0U
Barium	UG/L		153=		507=		529=		609=		45.2=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		83.6=		2.0U		1150=		4.1B		34.3=
Lead	UG/L		2.0U		2.0U		3.3=		2.0U		1.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		199=		7.5=		1350=		1.0B		17.4=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		4.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-280B		2-281B		2-282B		2-285B		2-287B	
	SampleID	TK3405		TK3135		TK3170		TK3239		TK3114	
	SampleDate	07-JAN-99		07-DEC-98		10-DEC-98		16-DEC-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Arsenic	UG/L		4.0U		4.0U		49.6=		4.0U		4.6B
Barium	UG/L		582=		895=		424=		152=		121=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		12.1=		2.0UN		1480=		4.7B		2.5B
Lead	UG/L		1.0U		2.0U		5.1=		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		21.0=		1.4B		1370=		8.4=		4.2=
Selenium	UG/L		4.0U		5.0U		9.6=		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-288B		2-290B		2-291B		2-292B		2-293B	
	SampleID	TK3116		TK2879		TK2880		TK2881		TK2885	
	SampleDate	04-DEC-98		09-NOV-98		09-NOV-98		09-NOV-98		09-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Arsenic	UG/L		7.3B		10.5=		4.0U		4.2B		4.0U
Barium	UG/L		1010=		58.1=		257=		68.8=		230=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		7.6=		69.7=		232=		8.0=		2.8B
Lead	UG/L		3.3=		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		7.1=		44.6=		743=		11.7=		9.9=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-294B		2-295B		2-296B		2-297B		2-298B	
	SampleID	TK2825		TK2826		TK2903		TK3096		TK3097	
	SampleDate	03-NOV-98		03-NOV-98		10-NOV-98		03-DEC-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Arsenic	UG/L		6.4B		6.8B		4.0U		8.3B		4.0U
Barium	UG/L		269=		297=		355=		195=		376=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		2.0U		28.9=		51.1=
Lead	UG/L		2.0U		2.0U		2.0U		2.6B		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.0U		1.5B		3.2B		3.0B		233=
Selenium	UG/L		5.0U		5.0U		5.0U		5.3=		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-299B		2-300B		2-301B		2-302B		2-304B		2-310B	
	SampleID	TK2882		TK2845		TK2622		TK2572		TK2883		TK3119	
	SampleDate	09-NOV-98		04-NOV-98		09-OCT-98		01-OCT-98		09-NOV-98		04-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Arsenic	UG/L		4.0U		9.2B		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		60.1=		938=		623=		955=		126=		579=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		31.2=		4.8B		2.0U		14.4=		2.0U		279=
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		168=		38.8=		4.8=		464=		9.5=		69.1=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B		2-325B		2-328B		2-329B		2-333B		2-334B		2-335B	
	SampleID	TK3120		TK3408		TK3161		TK3243		TK3036		TK2925		TK2926	
	SampleDate	04-DEC-98		07-JAN-99		09-DEC-98		16-DEC-98		27-NOV-98		13-NOV-98		13-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		5.2B		4.0U		4.0U		4.0U		5.7B		4.0U		67.6=
Barium	UG/L		632=		468=		819=		159=		440=		302=		60.4=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		234=		11.1=		2.0U		31.8=		2.0U		54.2=		2940=
Lead	UG/L		2.0U		1.0U		2.0U		2.0U		2.0U		2.0U		2.2B
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		971=		16.2=		1.0U		237=		21.6=		768=		1110=
Selenium	UG/L		5.0U		4.0U		5.0U		5.0U		5.0U		5.0U		11.7=
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B		2-348B		2-349B		2-350B	
	SampleID	TK3244		TK3171		TK3409		TK3411		TK3412		TK3429		TK3165	
	SampleDate	16-DEC-98		10-DEC-98		07-JAN-99		07-JAN-99		07-JAN-99		11-JAN-99		09-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		491=		1420=		1310=		318=		972=		254=		249=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		17.5=		10.9=		2.4B		137=		5.8=		21.5*		2.0U
Lead	UG/L		2.0U		2.0U		1.0U		1.0U		1.0U		1.9B		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		472=		11.8=		81.0=		172=		12.8=		73.1=		1.4B
Selenium	UG/L		5.0U		5.0U		4.0U		4.0U		4.0U		8.3=		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-351B		2-352B		2-355B		2-356B		2-358B		2-359B		2-392B	
	SampleID	TK3163		TK3245		TK2513		TK2514		TK2533		TK2534		TK3024	
	SampleDate	09-DEC-98		16-DEC-98		25-SEP-98		25-SEP-98		28-SEP-98		28-SEP-98		24-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		7.0U		7.0U		4.4B		4.4B		5.0B
Barium	UG/L		815=		338=		348=		260=		224=		800=		454=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.4B		2.0U		291=		3.0B		2.0U		2.0U		353=
Lead	UG/L		2.0U		2.0U		2.9B		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.0U		9.5=		1210=		54.9=		10.0=		1.9B		33.0=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-393B		2-62B		2-63B		2-64B		2-65B		2-66A		2-67A	
	SampleID	TK3025		TK2945		TK2947		TK2949		TK2930		TK2812		TK3103	
	SampleDate	24-NOV-98		17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.8B		4.9B		4.0U		6.5B		10.9=
Barium	UG/L		478=		62.0=		173=		219=		229=		577=		6750=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		411=		3.6B		13.9=		32.8=		3.1B		844=		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		3.8=		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.90=		0.20U		0.20U		0.20U
Nickel	UG/L		536=		158=		56.9=		413=		5.5=		544=		1.4B
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-67B		2-68A		2-68B		2AR		3A		41AR		42AR	
	SampleID	TK3104		TK3105		TK3106		TK2838		TK3014		TK3339		TK3343	
	SampleDate	03-DEC-98		03-DEC-98		03-DEC-98		04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.0U		9.9B		4.0U		4.0U		4.0U
Barium	UG/L		590=		476=		499=		1970=		1420=		240=		2740=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		6.6=		11.1=		3.1B		6.0=		2.0U		8.9=		16.5=
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		1.0U		1.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		3.6B		18.1=		5.2=		23.9=		1.4B		269=		47.4=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		4.0U		4.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	43AR		45AR		46AR		47AR		4AR		58BR		59B	
	SampleID	TK3124		TK2815		TK2820		TK2915		TK2965		TK2639		TK2893	
	SampleDate	07-DEC-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98		13-OCT-98		12-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		34.4=		7.1B		4.0U		4.0U		4.7B		11.3=		4.0U
Barium	UG/L		112=		320=		201=		311=		486=		1020=		192=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		111N		6.0=		42.4=		19.3=		4.6B		15.5=		3.7B
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		35.5=		11.4=		2.6B		61.4=		9.3=		185=		45.9=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5AR	5C	6	61A	62	75B	76A
	SampleID	TK2842	TK2844	TK2651	TK2982	TK2988	TK3046	TK2967
	SampleDate	04-NOV-98	04-NOV-98	14-OCT-98	20-NOV-98	23-NOV-98	27-NOV-98	18-NOV-98
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
Arsenic	UG/L	4.8B	4.0U	6.8B	4.6B	4.0U	4.0U	4.0U
Barium	UG/L	89.4=	201=	563=	1890=	690=	144=	673=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	49.2=	33.2=	2.0U	2.0U	2.0U	2.0U	2.0U
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	3.2B	19.8=	2.9B	3.3B	1.2B	35.6=	33.2=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	77A		78A		79BR		83BR		84B		85C		86B	
	SampleID	TK3016		TK2956		TK3030		TK2876		TK2866		TK2996		TK2960	
	SampleDate	24-NOV-98		20-NOV-98		25-NOV-98		09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		5.6B		6.2B		4.2B		4.0U		4.0U		4.2B
Barium	UG/L		1660=		178=		306=		218=		392=		1050=		67.8=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		250=		36.2=		2.0U		2.0U		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.0U		3.1B		103=		31.0=		1.6B		1.0U		2.2B
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	9A		EX-A01		EX-A02		EX-A03		EX-A04		EX-A05		EX-A06	
	SampleID	TK2834		TK3081		TK3082		TK3083		TK3087		TK3076		TK3075	
	SampleDate	04-NOV-98		02-DEC-98		02-DEC-98		02-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		461=		81.1=		123=		233=		200=		145=		233=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		2.0U		2.2B		2.0B		3.9B		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.3B		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		2.5B		79.4=		11.9=		10.2=		100=		3.3B		1.6B
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07		EX-A08		EX-A09		EX-A10		EX-A11		EX-A12		EX-B01	
	SampleID	TK3090		TK3072		TK3091		TK3070		TK3069		TK3068		TK3080	
	SampleDate	02-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98		01-DEC-98		02-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U		4.0U
Barium	UG/L		220=		283=		355=		253=		242=		263=		56.9=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.7B		2.0U		3.6=
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		2.1B		1.5B		1.5B		11.0=		35.2=		27.9=		18.4=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.20b

Analytical Data Summary for Metals in the USZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B02		EX-B03		EX-B04		EX-B05		EX-B06		EX-B07		EX-B08	
	SampleID	TK3084		TK3086		TK3077		TK3079		TK3067		TK3066		TK3065	
	SampleDate	02-DEC-98		02-DEC-98		01-DEC-98		02-DEC-98		01-DEC-98		01-DEC-98		01-DEC-98	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**														
Arsenic	UG/L		4.0U		4.0U		4.0U		7.4B		4.0U		4.0U		4.0U
Barium	UG/L		78.9=		73.0=		257=		149=		102=		381=		232=
Cadmium	UG/L		1.5B		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		10.7=		2.0U		2.0U		21.2=		205=		2.0U		6.9=
Lead	UG/L		5.9=		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		16.5=		1.7B		10.4=		1.6B		1.8B		3.4B		37.4=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.8B		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.21
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

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TABLE A.21
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		1U		NA		1U
m&p-Xylenes	UG/L		1U		1U		1U				1U		NA
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		7.2=		0.8B		1U		1U		0.4B
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66C		1-66C		1-67A		1-67A		1-67C	
	SampleID	TK3499		TK2121		TK3501		TK2228		TK3517		TK2230	
	SampleDate	15-JAN-99		11-AUG-98		15-JAN-99		24-AUG-98		18-JAN-99		24-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66C		1-66C		1-67A		1-67A		1-67C	
	SampleID	TK3499		TK2121		TK3501		TK2228		TK3517		TK2230	
	SampleDate	15-JAN-99		11-AUG-98		15-JAN-99		24-AUG-98		18-JAN-99		24-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		1U		NA		1U		NA		1U
m&p-Xylenes	UG/L		1U		NA		1U		NA		1U		NA
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A		2-112A		2-113A	
	SampleID	TK3520		TK2833		TK2525		TK2528		TK2567		TK2570	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		28-SEP-98		01-OCT-98		01-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1.3=		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A		2-112A		2-113A	
	SampleID	TK3520		TK2833		TK2525		TK2528		TK2567		TK2570	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		28-SEP-98		01-OCT-98		01-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		0.5B
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		0.6B		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114A		2-115A		2-12		2-122C		2-123C		2-124C	
	SampleID	TK2617		TK2619		TK3001		TK3061		TK2992		TK2895	
	SampleDate	09-OCT-98		09-OCT-98		23-NOV-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		3.3=		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1.7=		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114A		2-115A		2-12		2-122C		2-123C		2-124C	
	SampleID	TK2617		TK2619		TK3001		TK3061		TK2992		TK2895	
	SampleDate	09-OCT-98		09-OCT-98		23-NOV-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		3.9=		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		0.7B		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		0.6B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		2.1=		0.5B		1U		3=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C		2-128C		2-129C	
	SampleID	TK2897		TK2888		TK2856		TK3100		TK3035		TK2871	
	SampleDate	10-NOV-98		09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		23=		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C		2-128C		2-129C	
	SampleID	TK2897		TK2888		TK2856		TK3100		TK3035		TK2871	
	SampleDate	10-NOV-98		09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		3.7B		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-13		2-130C		2-131C		2-132C		2-133C		2-134A	
	SampleID	TK3002		TK3042		TK2901		TK2922		TK3056		TK3050	
	SampleDate	23-NOV-98		27-NOV-98		11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		0.6B
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		40=
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		2.3=
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1.3=		1U		1U		1U		1U		160=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-13		2-130C		2-131C		2-132C		2-133C		2-134A	
	SampleID	TK3002		TK3042		TK2901		TK2922		TK3056		TK3050	
	SampleDate	23-NOV-98		27-NOV-98		11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1=		1U		1U		1U		1U		280=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		5.2=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		0.9B		1U		1U		1U		1=
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1B
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		2.1=		1U		1U		1U		1U		26=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-135C		2-136A		2-136C		2-137A		2-137C	
	SampleID	TK3004		TK3006		TK3008		TK3010		TK3155		TK3157	
	SampleDate	23-NOV-98		23-NOV-98		23-NOV-98		23-NOV-98		09-DEC-98		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		22=		1.9=		0.6B		1U		1U		1U
1,2-Dichloropropane	UG/L		2.8=		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		220=		41=		1.8=		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-135C		2-136A		2-136C		2-137A		2-137C	
	SampleID	TK3004		TK3006		TK3008		TK3010		TK3155		TK3157	
	SampleDate	23-NOV-98		23-NOV-98		23-NOV-98		23-NOV-98		09-DEC-98		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		670=		29=		0.8B		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1.4=		1U		9.9=		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1.2=		1U		0.6B		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		34=		3.5=		5.4=		1U		1.2=		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138A		2-141A		2-142A		2-143A		2-143C		2-144A	
	SampleID	TK3173		TK3148		TK2937		TK3130		TK3132		TK3233	
	SampleDate	10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98		07-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1=
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		27=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138A		2-141A		2-142A		2-143A		2-143C		2-144A	
	SampleID	TK3173		TK3148		TK2937		TK3130		TK3132		TK3233	
	SampleDate	10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98		07-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		3.9=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		4.6=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		7.5=		1U		630=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144C		2-147C		2-18		2-19A		2-20A		2-217C	
	SampleID	TK3236		TK2541		TK2987		TK2975		TK2977		TK3095	
	SampleDate	16-DEC-98		29-SEP-98		23-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		0.6B		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		6.3=		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		0.5B
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		3B		14=
Benzene	UG/L		1U		1U		1U		1U		1U		2.1=
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1.4=
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144C		2-147C		2-18		2-19A		2-20A		2-217C	
	SampleID	TK3236		TK2541		TK2987		TK2975		TK2977		TK3095	
	SampleDate	16-DEC-98		29-SEP-98		23-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		0.6B		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		6.3=		4.5=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		0.7B		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		0.6B
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		0.7B		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		0.9B
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1.8=		1U		1U		1U		36=		1.2=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1B

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-274A		2-278A		2-280A		2-281A	
	SampleID	TK2583		TK3000		TK2934		TK3198		TK3404		TK3134	
	SampleDate	06-OCT-98		23-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-274A		2-278A		2-280A		2-281A	
	SampleID	TK2583		TK3000		TK2934		TK3198		TK3404		TK3134	
	SampleDate	06-OCT-98		23-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		0.6B
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1.2=		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1.3=		1U		1.6=		5.2=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282A		2-283A		2-284A		2-285A		2-285C		2-286A	
	SampleID	TK3169		TK3138		TK3237		TK3238		TK3240		TK3111	
	SampleDate	10-DEC-98		07-DEC-98		16-DEC-98		16-DEC-98		16-DEC-98		04-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		0.6B		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		3.4=		6.2=		1U		3.9=
1,2-Dichloropropane	UG/L		1U		1U		1.8=		2=		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		17=		35=		97=		1U		28=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282A		2-283A		2-284A		2-285A		2-285C		2-286A	
	SampleID	TK3169		TK3138		TK3237		TK3238		TK3240		TK3111	
	SampleDate	10-DEC-98		07-DEC-98		16-DEC-98		16-DEC-98		16-DEC-98		04-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		4.8=		50=		110=		1U		9.5=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		0.6B		11=		2.9=		1U		19=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		0.8B		1U		0.6B
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		5.6=		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		0.7B		1U		1U		1U
Trichloroethylene	UG/L		1U		99=		410=		13=		1U		9.8=
Trichlorofluoromethane	UG/L		1U		1U		7.2=		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286C		2-287AR		2-288A		2-289A		2-325A		2-328A	
	SampleID	TK3112		TK3113		TK3115		TK3117		TK3406		TK3160	
	SampleDate	04-DEC-98		04-DEC-98		04-DEC-98		04-DEC-98		07-JAN-99		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		3.4=
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		7.7=
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		4.5B		5U		5U		14B		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		11=		1U		1U		11=		1U		95E
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286C		2-287AR		2-288A		2-289A		2-325A		2-328A	
	SampleID	TK3112		TK3113		TK3115		TK3117		TK3406		TK3160	
	SampleDate	04-DEC-98		04-DEC-98		04-DEC-98		04-DEC-98		07-JAN-99		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		8.3=		1U		1U		5.4=		1U		24=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		84E
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		0.5B		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		4.7=
Trichloroethylene	UG/L		1.2=		1U		1U		30=		0.6B		2600=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329A		2-349A		2-349C		2-351A		2-351C		2-374A	
	SampleID	TK3242		TK3428		TK3430		TK3162		TK3164		TK3246	
	SampleDate	16-DEC-98		11-JAN-99		11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		0.5B		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		2.5=		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		15=		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		3=		1U		10=		1U		1.1=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329A		2-349A		2-349C		2-351A		2-351C		2-374A	
	SampleID	TK3242		TK3428		TK3430		TK3162		TK3164		TK3246	
	SampleDate	16-DEC-98		11-JAN-99		11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		0.5B		1U		3=		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		23=		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		2=		1U		1U
Trichloroethylene	UG/L		1U		13=		1.7=		1200=		11=		0.6B
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2-66C		2-68C	
	SampleID	TK2944		TK2946		TK2948		TK2929		TK2814		TK3107	
	SampleDate	17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		4.2=		6.3=
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		0.7B		1.5=
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		130=		220=
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2-66C		2-68C	
	SampleID	TK2944		TK2946		TK2948		TK2929		TK2814		TK3107	
	SampleDate	17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		140=		260=
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		0.7B		1.9=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1.5B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		0.6B		1U		1U		1U		30=		24=
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2C		3B		41C		41D		42C	
	SampleID	TK2840		TK3015		TK3341		TK3342		TK3344	
	SampleDate	04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98		31-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		3.1=		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		3.9JB		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		0.8B		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2C		3B		41C		41D		42C	
	SampleID	TK2840		TK3015		TK3341		TK3342		TK3344	
	SampleDate	04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98		31-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		3=		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		6.9=		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	43C		45CR		45DR		46C		47C		4C	
	SampleID	TK3126		TK2817		TK2818		TK2822		TK2918		TK2973	
	SampleDate	07-DEC-98		03-NOV-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	43C		45CR		45DR		46C		47C		4C	
	SampleID	TK3126		TK2817		TK2818		TK2822		TK2918		TK2973	
	SampleDate	07-DEC-98		03-NOV-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		0.5B		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	58AR		59AR		5B		60C		61B		6A	
	SampleID	TK2632		TK2892		TK2843		TK2860		TK2983		TK2652	
	SampleDate	13-OCT-98		12-NOV-98		04-NOV-98		05-NOV-98		20-NOV-98		14-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		0.9JB		5U		5U		5U		5U		0.6B
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	58AR		59AR		5B		60C		61B		6A	
	SampleID	TK2632		TK2892		TK2843		TK2860		TK2983		TK2652	
	SampleDate	13-OCT-98		12-NOV-98		04-NOV-98		05-NOV-98		20-NOV-98		14-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		0.7B		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1.5=		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76B		76D		77C		77D		78B		79C	
	SampleID	TK2968		TK2970		TK3017		TK3018		TK2957		TK3031	
	SampleDate	18-NOV-98		18-NOV-98		24-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		2=		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		0.6JB		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		2.4=		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.21

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76B		76D		77C		77D		78B		79C	
	SampleID	TK2968		TK2970		TK3017		TK3018		TK2957		TK3031	
	SampleDate	18-NOV-98		18-NOV-98		24-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		5.6=		1U		2=		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		5.1=		1U		1U		1U		1U		1U

NA=Not Analyzed

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TABLE A.21
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83C	84C	85B	86C	9C
	SampleID	TK2877	TK2867	TK2995	TK2961	TK2835
	SampleDate	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98	04-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
1,1,1,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	UG/L	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L	1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L	1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L	1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L	1U	1U	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L	1U	1U	1U	1U	1U
1,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L	1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L	1U	1U	1U	1U	1U
2-Chlorotoluene	UG/L	1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L	1U	1U	1U	1U	1U
Acetone	UG/L	5U	5U	0.6B	5U	5U
Benzene	UG/L	1U	1U	1U	1U	1U
Bromobenzene	UG/L	1U	1U	1U	1U	1U
Bromochloromethane	UG/L	1U	1U	1U	1U	1U
Bromodichloromethane	UG/L	1U	1U	1U	1U	1U
Bromoform	UG/L	1U	1U	1U	1U	1U
Bromomethane	UG/L	1U	1U	1U	1U	1U
Carbon Tetrachloride	UG/L	1U	1U	1U	1U	1U
Chlorobenzene	UG/L	1U	1U	1U	1U	1U
Chloroethane	UG/L	1U	1U	1U	1U	1U

TABLE A.21
Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83C		84C		85B		86C		9C	
	SampleID	TK2877		TK2867		TK2995		TK2961		TK2835	
	SampleDate	09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98		04-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p Xylene	UG/L		NA		NA		NA		NA		NA
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		0.9B
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		9B		10U		5.2B
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		31=		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		NA
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66C		1-66C		1-67A		1-67A		1-67C	
	SampleID	TK3499		TK2121		TK3501		TK2228		TK3517		TK2230	
	SampleDate	15-JAN-99		11-AUG-98		15-JAN-99		24-AUG-98		18-JAN-99		24-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		11U		10U		11U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		11U		10U		11U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		11U		10U		11U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		11U		10U		11U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U				11U		10U		11U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		54U		50U		53U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		11U		10U		11U		10U
2,4-Dichlorophenol	UG/L		10U		10U		11U		10U		11U		10U
2,4-Dimethylphenol	UG/L		10U		10U		11U		10U		11U		10U
2,4-Dinitrophenol	UG/L		50U		50U		54U		50U		53U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		11U		10U		11U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		11U		10U		11U		10U
2-Chloronaphthalene	UG/L		10U		10U		11U		10U		11U		10U
2-Chlorophenol	UG/L		10U		10U		11U		10U		11U		10U
2-Methylnaphthalene	UG/L		10U		10U		11U		10U		11U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		11U		10U		11U		10U
2-Nitroaniline	UG/L		50U		50U		54U		50U		53U		50U
2-Nitrophenol	UG/L		10U		10U		11U		10U		11U		10U
3+4-Methyphenols	UG/L		10U		10U		11U		10U		11U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		22U		20U		21U		20U
3-Nitroaniline	UG/L		50U		50U		54U		50U		53U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		54U		50U		53U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		11U		10U		11U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		11U		10U		11U		10U
4-Chloroaniline	UG/L		10U		10U		11U		10U		11U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		11U		10U		11U		10U
4-Nitroaniline	UG/L		50U		50U		54U		50U		53U		50U
4-Nitrophenol	UG/L		50U		50U		54U		50U		53U		50U
Acenaphthene	UG/L		10U		10U		11U		10U		11U		10U
Acenaphthylene	UG/L		10U		10U		11U		10U		11U		10U
Anthracene	UG/L		10U		10U		11U		10U		11U		10U
Benzo(a)anthracene	UG/L		10U		10U		11U		10U		11U		10U
Benzo(a)pyrene	UG/L		10U		10U		11U		10U		11U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		11U		10U		11U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A	1-66C	1-66C	1-67A	1-67A	1-67C
	SampleID	TK3499	TK2121	TK3501	TK2228	TK3517	TK2230
	SampleDate	15-JAN-99	11-AUG-98	15-JAN-99	24-AUG-98	18-JAN-99	24-AUG-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
Benzo(g,h,i)perylene	UG/L	10U	10U	11U	10U	11U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	11U	10U	11U	10U
Benzoic Acid	UG/L	50U	50U	54U	50U	53U	50U
Benzyl Alcohol	UG/L	10U	10U	11U	10U	11U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	11U	10U	11U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	11U	10U	11U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	10U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	11U	10U	11U	10U
Butylbenzylphthalate	UG/L	10U	2.1B	11U	10U	11U	10U
Chrysene	UG/L	10U	10U	11U	10U	11U	10U
Di-n-butylphthalate	UG/L	10U	3B	11U	10U	11U	4B
Di-n-octylphthalate	UG/L	10U	10U	11U	10U	11U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	11U	10U	11U	10U
Dibenzofuran	UG/L	10U	10U	11U	10U	11U	10U
Diethylphthalate	UG/L	10U	10U	11U	10U	11U	10U
Dimethyl Phthalate	UG/L	10U		11U	10U	11U	10U
Dimethylphthalate	UG/L	NA	10U	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	11U	10U	11U	10U
Fluorene	UG/L	10U	10U	11U	10U	11U	10U
Hexachlorobenzene	UG/L	10U	10U	11U	10U	11U	10U
Hexachlorobutadiene	UG/L	10U	10U	11U	10U	11U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	11U	10U	11U	10U
Hexachloroethane	UG/L	10U	10U	11U	10U	11U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	11U	10U	11U	10U
Isophorone	UG/L	10U	10U	11U	10U	11U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	11U	10U	11U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	11U	10U	11U	10U
Naphthalene	UG/L	10U	10U	11U	10U	11U	10U
Nitrobenzene	UG/L	10U	10U	11U	10U	11U	10U
Pentachlorophenol	UG/L	50U	50U	54U	50U	53U	50U
Phenanthrene	UG/L	10U	10U	11U	10U	11U	10U
Phenol	UG/L	10U	10U	11U	10U	11U	10U
Pyrene	UG/L	10U	10U	11U	10U	11U	10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A		2-112A		2-113A	
	SampleID	TK3520		TK2833		TK2525		TK2528		TK2567		TK2570	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		28-SEP-98		01-OCT-98		01-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C		1C		2-106A		2-111A		2-112A		2-113A	
	SampleID	TK3520		TK2833		TK2525		TK2528		TK2567		TK2570	
	SampleDate	18-JAN-99		04-NOV-98		28-SEP-98		28-SEP-98		01-OCT-98		01-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		3.3B		2.6B
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		2B		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114A		2-115A		2-12		2-122C		2-123C		2-124C	
	SampleID	TK2617		TK2619		TK3001		TK3061		TK2992		TK2895	
	SampleDate	09-OCT-98		09-OCT-98		23-NOV-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-114A		2-115A		2-12		2-122C		2-123C		2-124C	
	SampleID	TK2617		TK2619		TK3001		TK3061		TK2992		TK2895	
	SampleDate	09-OCT-98		09-OCT-98		23-NOV-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U		7.7B
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C		2-128C		2-129C	
	SampleID	TK2897		TK2888		TK2856		TK3100		TK3035		TK2871	
	SampleDate	10-NOV-98		09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D		2-125C		2-126C		2-127C		2-128C		2-129C	
	SampleID	TK2897		TK2888		TK2856		TK3100		TK3035		TK2871	
	SampleDate	10-NOV-98		09-NOV-98		05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		4.9B
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		6.4B		2.4B		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		1.5B		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-13		2-130C		2-131C		2-132C		2-133C		2-134A	
	SampleID	TK3002		TK3042		TK2901		TK2922		TK3056		TK3050	
	SampleDate	23-NOV-98		27-NOV-98		11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-13	2-130C	2-131C	2-132C	2-133C	2-134A
	SampleID	TK3002	TK3042	TK2901	TK2922	TK3056	TK3050
	SampleDate	23-NOV-98	27-NOV-98	11-NOV-98	13-NOV-98	30-NOV-98	30-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-135C		2-136A		2-136C		2-137A		2-137C	
	SampleID	TK3004		TK3006		TK3008		TK3010		TK3155		TK3157	
	SampleDate	23-NOV-98		23-NOV-98		23-NOV-98		23-NOV-98		09-DEC-98		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A	2-135C	2-136A	2-136C	2-137A	2-137C
	SampleID	TK3004	TK3006	TK3008	TK3010	TK3155	TK3157
	SampleDate	23-NOV-98	23-NOV-98	23-NOV-98	23-NOV-98	09-DEC-98	09-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138A		2-141A		2-142A		2-143A		2-143C		2-144A	
	SampleID	TK3173		TK3148		TK2937		TK3130		TK3132		TK3233	
	SampleDate	10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98		07-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138A		2-141A		2-142A		2-143A		2-143C		2-144A	
	SampleID	TK3173		TK3148		TK2937		TK3130		TK3132		TK3233	
	SampleDate	10-DEC-98		09-DEC-98		16-NOV-98		07-DEC-98		07-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		5.2B		6.2B		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144C		2-147C		2-18		2-19A		2-20A		2-217C	
	SampleID	TK3236		TK2541		TK2987		TK2975		TK2977		TK3095	
	SampleDate	16-DEC-98		29-SEP-98		23-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144C		2-147C		2-18		2-19A		2-20A		2-217C	
	SampleID	TK3236		TK2541		TK2987		TK2975		TK2977		TK3095	
	SampleDate	16-DEC-98		29-SEP-98		23-NOV-98		20-NOV-98		20-NOV-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		4.1B		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-274A		2-278A		2-280A		2-281A	
	SampleID	TK2583		TK3000		TK2934		TK3198		TK3404		TK3134	
	SampleDate	06-OCT-98		23-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		11U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		56U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		56U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		11U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		11U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		11U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		11U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		11U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		56U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		11U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		11U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		22U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		56U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		56U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		11U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		11U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		11U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		11U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		56U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		56U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		11U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		11U		10U
Anthracene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		11U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-21A		2-22		2-274A		2-278A		2-280A		2-281A	
	SampleID	TK2583		TK3000		TK2934		TK3198		TK3404		TK3134	
	SampleDate	06-OCT-98		23-NOV-98		16-NOV-98		11-DEC-98		07-JAN-99		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		11U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		56U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		11U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		11U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		11U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		11=		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		11U		10U
Chrysene	UG/L		10U		10U		10U		10U		11U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		11U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		11U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		11U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		11U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		11U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		11U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		11U		10U
Fluorene	UG/L		10U		10U		10U		10U		11U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		11U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		11U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		11U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		11U		10U
Isophorone	UG/L		10U		10U		10U		10U		11U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		11U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		11U		10U
Naphthalene	UG/L		10U		10U		10U		10U		11U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		11U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		56U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		11U		10U
Phenol	UG/L		10U		10U		10U		10U		11U		10U
Pyrene	UG/L		10U		10U		10U		10U		11U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282A		2-283A		2-284A		2-285A		2-285C		2-286A	
	SampleID	TK3169		TK3138		TK3237		TK3238		TK3240		TK3111	
	SampleDate	10-DEC-98		07-DEC-98		16-DEC-98		16-DEC-98		16-DEC-98		04-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282A		2-283A		2-284A		2-285A		2-285C		2-286A	
	SampleID	TK3169		TK3138		TK3237		TK3238		TK3240		TK3111	
	SampleDate	10-DEC-98		07-DEC-98		16-DEC-98		16-DEC-98		16-DEC-98		04-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		5.9B		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286C		2-287AR		2-288A		2-289A		2-325A		2-328A	
	SampleID	TK3112		TK3113		TK3115		TK3117		TK3406		TK3160	
	SampleDate	04-DEC-98		04-DEC-98		04-DEC-98		04-DEC-98		07-JAN-99		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		11U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		11U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		54U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		11U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		54U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		11U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		11U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		11U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		11U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		11U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		11U		10U
2-Nitroaniline	UG/L		50U		9.7B		50U		50U		54U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		11U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		11U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		22U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		54U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		54U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		11U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		11U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		11U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		11U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		54U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		54U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		11U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		11U		10U
Anthracene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		11U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		11U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-286C		2-287AR		2-288A		2-289A		2-325A		2-328A	
	SampleID	TK3112		TK3113		TK3115		TK3117		TK3406		TK3160	
	SampleDate	04-DEC-98		04-DEC-98		04-DEC-98		04-DEC-98		07-JAN-99		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L	10U		10U		10U		10U		11U		10U	
Benzo(k)fluoranthene	UG/L	10U		10U		10U		10U		11U		10U	
Benzoic Acid	UG/L	50U		50U		50U		50U		54U		50U	
Benzyl Alcohol	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroethoxy) Methane	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroethyl)ether	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroisopropyl) Ether	UG/L	NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	UG/L	10U		10U		10U		10U		11U		10U	
Butylbenzylphthalate	UG/L	10U		10U		10U		10U		11U		10U	
Chrysene	UG/L	10U		10U		10U		10U		11U		10U	
Di-n-butylphthalate	UG/L	4.1B		5.6B		10U		10U		11U		4.3B	
Di-n-octylphthalate	UG/L	10U		10U		10U		10U		11U		10U	
Dibenz(a,h)anthracene	UG/L	10U		10U		10U		10U		11U		10U	
Dibenzofuran	UG/L	10U		10U		10U		10U		11U		10U	
Diethylphthalate	UG/L	10U		10U		10U		10U		11U		10U	
Dimethyl Phthalate	UG/L	10U		10U		10U		10U		11U		10U	
Dimethylphthalate	UG/L	NA		NA		NA		NA		NA		NA	
Fluoranthene	UG/L	10U		10U		10U		10U		11U		10U	
Fluorene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorobenzene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorobutadiene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorocyclopentadiene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachloroethane	UG/L	10U		10U		10U		10U		11U		10U	
Indeno_1,2,3-cd_pyrene	UG/L	10U		10U		10U		10U		11U		10U	
Isophorone	UG/L	10U		10U		10U		10U		11U		10U	
N-Nitroso-di-n-propylamine	UG/L	10U		10U		10U		10U		11U		10U	
N-Nitrosodiphenylamine	UG/L	10U		10U		10U		10U		11U		10U	
Naphthalene	UG/L	10U		10U		10U		10U		11U		10U	
Nitrobenzene	UG/L	10U		10U		10U		10U		11U		10U	
Pentachlorophenol	UG/L	50U		50U		50U		50U		54U		50U	
Phenanthrene	UG/L	10U		10U		10U		10U		11U		10U	
Phenol	UG/L	10U		10U		10U		10U		11U		10U	
Pyrene	UG/L	10U		10U		10U		10U		11U		10U	

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329A		2-349A		2-349C		2-351A		2-351C		2-374A	
	SampleID	TK3242		TK3428		TK3430		TK3162		TK3164		TK3246	
	SampleDate	16-DEC-98		11-JAN-99		11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		11U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		11U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		11U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		11U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		11U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		53U		52U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		11U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		11U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		11U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		53U		52U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		11U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		11U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		11U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		11U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		11U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		11U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		53U		52U		50U		50U		50U
2-Nitrophenol	UG/L		10U		11U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		11U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		21U		21U		20U		20U		20U
3-Nitroaniline	UG/L		50U		53U		52U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		53U		52U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		11U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		11U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		11U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		11U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		53U		52U		50U		50U		50U
4-Nitrophenol	UG/L		50U		53U		52U		50U		50U		50U
Acenaphthene	UG/L		10U		11U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		11U		10U		10U		10U		10U
Anthracene	UG/L		10U		11U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		11U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		11U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		11U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329A		2-349A		2-349C		2-351A		2-351C		2-374A	
	SampleID	TK3242		TK3428		TK3430		TK3162		TK3164		TK3246	
	SampleDate	16-DEC-98		11-JAN-99		11-JAN-99		09-DEC-98		09-DEC-98		16-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		11U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		11U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		53U		52U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		11U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		11U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		11U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		11U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		11U		10U		10U		10U		10U
Chrysene	UG/L		10U		11U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		7B		11U		10U		10U		10U		1.2B
Di-n-octylphthalate	UG/L		10U		11U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		11U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		11U		10U		10U		10U		10U
Diethylphthalate	UG/L		2.5B		11U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		11U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		11U		10U		10U		10U		10U
Fluorene	UG/L		10U		11U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		11U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		11U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		11U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		11U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		11U		10U		10U		10U		10U
Isophorone	UG/L		10U		11U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		11U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		11U		10U		10U		10U		10U
Naphthalene	UG/L		10U		11U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		11U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		53U		52U		50U		50U		50U
Phenanthrene	UG/L		10U		11U		10U		10U		10U		10U
Phenol	UG/L		10U		11U		10U		10U		10U		10U
Pyrene	UG/L		10U		11U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2-66C		2-68C	
	SampleID	TK2944		TK2946		TK2948		TK2929		TK2814		TK3107	
	SampleDate	17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		13U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		13U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		13U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		13U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		13U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		65U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		13U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		13U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		13U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		65U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		13U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		13U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		13U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		13U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		13U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		13U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		65U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		13U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		13U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		26U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		65U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		65U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		13U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		13U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		13U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		13U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		65U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		65U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		13U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		13U
Anthracene	UG/L		10U		10U		10U		10U		10U		13U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		13U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		13U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		13U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-62A		2-63A		2-64A		2-65A		2-66C		2-68C	
	SampleID	TK2944		TK2946		TK2948		TK2929		TK2814		TK3107	
	SampleDate	17-NOV-98		17-NOV-98		17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		13U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		13U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		65U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		13U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		13U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		13U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		13U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		13U
Chrysene	UG/L		10U		10U		10U		10U		10U		13U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		1.5B		13U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		13U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		13U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		13U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		13U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		13U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		13U
Fluorene	UG/L		10U		10U		10U		10U		10U		13U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		13U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		13U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		13U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		13U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		13U
Isophorone	UG/L		10U		10U		10U		10U		10U		13U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		13U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		13U
Naphthalene	UG/L		10U		10U		10U		10U		10U		13U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		13U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		65U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		13U
Phenol	UG/L		10U		10U		10U		10U		10U		13U
Pyrene	UG/L		10U		10U		10U		10U		10U		13U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2C		3B		41C		41D		42C		43C	
	SampleID	TK2840		TK3015		TK3341		TK3342		TK3344		TK3126	
	SampleDate	04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98		31-DEC-98		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U								10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2C		3B		41C		41D		42C		43C	
	SampleID	TK2840		TK3015		TK3341		TK3342		TK3344		TK3126	
	SampleDate	04-NOV-98		24-NOV-98		31-DEC-98		31-DEC-98		31-DEC-98		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		10U		10U		10U		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		5.1B		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		6.7B		1.3B		10U		1.8B		10U		3.3B
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		NA		NA		NA		10U
Dimethylphthalate	UG/L		NA		NA		10U		10U		10U		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45CR		45DR		46C		47C		4C		58AR	
	SampleID	TK2817		TK2818		TK2822		TK2918		TK2973		TK2632	
	SampleDate	03-NOV-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98		13-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45CR		45DR		46C		47C		4C		58AR	
	SampleID	TK2817		TK2818		TK2822		TK2918		TK2973		TK2632	
	SampleDate	03-NOV-98		03-NOV-98		03-NOV-98		13-NOV-98		20-NOV-98		13-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		1.9B		1.1B		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U	.	10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR		5B		60C		61B		6A	
	SampleID	TK2892		TK2843		TK2860		TK2983		TK2652	
	SampleDate	12-NOV-98		04-NOV-98		05-NOV-98		20-NOV-98		14-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR		5B		60C		61B		6A	
	SampleID	TK2892		TK2843		TK2860		TK2983		TK2652	
	SampleDate	12-NOV-98		04-NOV-98		05-NOV-98		20-NOV-98		14-OCT-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		3B		3.8B		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	76B		76D		77C		77D		78B		79C	
	SampleID	TK2968		TK2970		TK3017		TK3018		TK2957		TK3031	
	SampleDate	18-NOV-98		18-NOV-98		24-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		1.6B		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer

Tinker AFB, Oklahoma City, Oklahoma

	StationID	76B		76D		77C		77D		78B		79C	
	SampleID	TK2968		TK2970		TK3017		TK3018		TK2957		TK3031	
	SampleDate	18-NOV-98		18-NOV-98		24-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		1B		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.22
Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83C		84C		85B		86C		9C	
	SampleID	TK2877		TK2867		TK2995		TK2961		TK2835	
	SampleDate	09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98		04-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U

TABLE A.22

Analytical Data Summary Table for SVOCs in the LSZ Aquifer
Tinker AFB, Oklahoma City, Oklahoma

	StationID	83C		84C		85B		86C		9C	
	SampleID	TK2877		TK2867		TK2995		TK2961		TK2835	
	SampleDate	09-NOV-98		06-NOV-98		23-NOV-98		20-NOV-98		04-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
4,4'-DDE	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
4,4'-DDT	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Aldrin	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Alpha-bhc	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Alpha-chlordane	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Aroclor-1016	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Aroclor-1221	UG/L		0.66U		0.66U		0.65U		1.0U		0.68U		0.66U
Aroclor-1232	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Aroclor-1242	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Aroclor-1248	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Aroclor-1254	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Aroclor-1260	UG/L		0.51U		0.51U		0.50U		1.0U		0.52U		0.51U
Beta-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Delta-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Dieldrin	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Endosulfan I	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Endosulfan II	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Endosulfan Sulfate	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Endrin Aldehyde	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Endrin Ketone	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Endrin	UG/L		0.071U		0.071U		0.070U		0.071U		0.073U		0.071U
Gamma-BHC	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Gamma-chlordane	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Heptachlor Epoxide	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Heptachlor	UG/L		0.030U		0.031U		0.030U		0.030U		0.031U		0.031U
Methoxychlor	UG/L		0.30U		0.31U		0.30U		0.30U		0.31U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.0U		2.1U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66A		1-66C		1-66C		1-67A		1-67A	
	SampleID	TK3499		TK2121		TK3501		TK2228		TK3517	
	SampleDate	15-JAN-99		11-AUG-98		15-JAN-99		24-AUG-98		18-JAN-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
4,4'-DDE	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
4,4'-DDT	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Aldrin	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Alpha-bhc	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Alpha-chlordane	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Aroclor-1016	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Aroclor-1221	UG/L		0.68U		0.67U		0.66U		0.66U		0.69U
Aroclor-1232	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Aroclor-1242	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Aroclor-1248	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Aroclor-1254	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Aroclor-1260	UG/L		0.53U		0.52U		0.51U		0.51U		0.53U
Beta-BHC	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Delta-BHC	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Dieldrin	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Endosulfan I	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Endosulfan II	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Endosulfan Sulfate	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Endrin Aldehyde	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Endrin Ketone	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Endrin	UG/L		0.074U		0.072U		0.071U		0.071U		0.074U
Gamma-BHC	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Gamma-chlordane	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Heptachlor	UG/L		0.032U		0.031U		0.030U		0.031U		0.032U
Methoxychlor	UG/L		0.32U		0.31U		0.30U		0.31U		0.32U
Toxaphene	UG/L		2.1U		2.1U		2.0U		2.0U		2.1U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67C	1-67C	1C	2-106A	2-111A
	SampleID	TK2230	TK3520	TK2833	TK2525	TK2528
	SampleDate	24-AUG-98	18-JAN-99	04-NOV-98	28-SEP-98	28-SEP-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
4,4'-DDE	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
4,4'-DDT	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Aldrin	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Alpha-bhc	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Alpha-chlordane	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Aroclor-1016	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Aroclor-1221	UG/L	0.67U	0.68U	0.65U	0.72U	0.65U
Aroclor-1232	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Aroclor-1242	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Aroclor-1248	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Aroclor-1254	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Aroclor-1260	UG/L	0.52U	0.52U	0.50U	0.56U	0.50U
Beta-BHC	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Delta-BHC	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Dieldrin	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Endosulfan I	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Endosulfan II	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Endosulfan Sulfate	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Endrin Aldehyde	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Endrin Ketone	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Endrin	UG/L	0.072U	0.073U	0.070U	0.078U	0.070U
Gamma-BHC	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Gamma-chlordane	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Heptachlor	UG/L	0.031U	0.031U	0.030U	0.033U	0.030U
Methoxychlor	UG/L	0.31U	0.31U	0.30U	0.33U	0.30U
Toxaphene	UG/L	2.1U	2.1U	2.0U	2.2U	2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-112A		2-113A		2-114A		2-115A		2-12	
	SampleID	TK2567		TK2570		TK2617		TK2619		TK3001	
	SampleDate	01-OCT-98		01-OCT-98		09-OCT-98		09-OCT-98		23-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
4,4'-DDE	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
4,4'-DDT	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Aldrin	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Alpha-bhc	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Alpha-chlordane	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Aroclor-1016	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Aroclor-1221	UG/L		0.68U		0.66U		0.81U		0.65U		0.65U
Aroclor-1232	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Aroclor-1242	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Aroclor-1248	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Aroclor-1254	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Aroclor-1260	UG/L		0.53U		0.51U		0.62U		0.50U		0.50U
Beta-BHC	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Delta-BHC	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Dieldrin	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Endosulfan I	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Endosulfan II	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Endosulfan Sulfate	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Endrin Aldehyde	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Endrin Ketone	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Endrin	UG/L		0.074U		0.071U		0.088U		0.070U		0.070U
Gamma-BHC	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Gamma-chlordane	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Heptachlor	UG/L		0.032U		0.031U		0.038U		0.030U		0.030U
Methoxychlor	UG/L		0.32U		0.31U		0.38U		0.30U		0.30U
Toxaphene	UG/L		2.1U		2.0U		2.5U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122C	2-123C	2-124C	2-124D	2-125C
	SampleID	TK3061	TK2992	TK2895	TK2897	TK2888
	SampleDate	30-NOV-98	23-NOV-98	10-NOV-98	10-NOV-98	09-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
4,4'-DDE	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
4,4'-DDT	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Aldrin	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Alpha-bhc	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Alpha-chlordane	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Aroclor-1016	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Aroclor-1221	UG/L	0.65U	0.66U	0.65U	0.65U	0.67U
Aroclor-1232	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Aroclor-1242	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Aroclor-1248	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Aroclor-1254	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Aroclor-1260	UG/L	0.50U	0.51U	0.50U	0.50U	0.52U
Beta-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Delta-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Dieldrin	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Endosulfan I	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Endosulfan II	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Endosulfan Sulfate	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Endrin Aldehyde	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Endrin Ketone	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Endrin	UG/L	0.070U	0.071U	0.070U	0.070U	0.072U
Gamma-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Gamma-chlordane	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Heptachlor Epoxide	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Heptachlor	UG/L	0.030U	0.031U	0.030U	0.030U	0.031U
Methoxychlor	UG/L	0.30U	0.31U	0.30U	0.30U	0.31U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.1U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126C		2-127C		2-128C		2-129C		2-13	
	SampleID	TK2856		TK3100		TK3035		TK2871		TK3002	
	SampleDate	05-NOV-98		03-DEC-98		25-NOV-98		06-NOV-98		23-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
4,4'-DDE	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
4,4'-DDT	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Aldrin	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-bhc	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-chlordane	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Aroclor-1016	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Aroclor-1221	UG/L		0.65U		0.65U		0.67U		0.65U		0.65U
Aroclor-1232	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Aroclor-1242	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Aroclor-1248	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Aroclor-1254	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Aroclor-1260	UG/L		0.50U		0.50U		0.52U		0.50U		0.50U
Beta-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Delta-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Dieldrin	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Endosulfan I	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Endosulfan II	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Endrin Ketone	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Endrin	UG/L		0.070U		0.070U		0.072U		0.070U		0.070U
Gamma-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Gamma-chlordane	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Methoxychlor	UG/L		0.30U		0.30U		0.31U		0.30U		0.30U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130C		2-131C		2-132C		2-133C		2-134A	
	SampleID	TK3042		TK2901		TK2922		TK3056		TK3050	
	SampleDate	27-NOV-98		11-NOV-98		13-NOV-98		30-NOV-98		30-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
4,4'-DDE	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
4,4'-DDT	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Aldrin	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Alpha-bhc	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Alpha-chlordane	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Aroclor-1016	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Aroclor-1221	UG/L		0.65U		0.68U		0.65U		0.65U		0.68U
Aroclor-1232	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Aroclor-1242	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Aroclor-1248	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Aroclor-1254	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Aroclor-1260	UG/L		0.50U		0.53U		0.50U		0.50U		0.53U
Beta-BHC	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Delta-BHC	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Dieldrin	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Endosulfan I	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Endosulfan II	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Endosulfan Sulfate	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Endrin Aldehyde	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Endrin Ketone	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Endrin	UG/L		0.070U		0.074U		0.070U		0.070U		0.074U
Gamma-BHC	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Gamma-chlordane	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Heptachlor Epoxide	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Heptachlor	UG/L		0.030U		0.032U		0.030U		0.030U		0.032U
Methoxychlor	UG/L		0.30U		0.32U		0.30U		0.30U		0.32U
Toxaphene	UG/L		2.0U		2.1U		2.0U		2.0U		2.1U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135A		2-135C		2-136A		2-136C		2-137A	
	SampleID	TK3004		TK3006		TK3008		TK3010		TK3155	
	SampleDate	23-NOV-98		23-NOV-98		23-NOV-98		23-NOV-98		09-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
4,4'-DDE	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
4,4'-DDT	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Aldrin	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Alpha-bhc	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Alpha-chlordane	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Aroclor-1016	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Aroclor-1221	UG/L		0.65U		0.65U		0.65U		0.65U		0.66U
Aroclor-1232	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Aroclor-1242	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Aroclor-1248	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Aroclor-1254	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Aroclor-1260	UG/L		0.50U		0.50U		0.50U		0.50U		0.51U
Beta-BHC	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Delta-BHC	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Dieldrin	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Endosulfan I	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Endosulfan II	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Endrin Ketone	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Endrin	UG/L		0.070U		0.070U		0.070U		0.070U		0.071U
Gamma-BHC	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Gamma-chlordane	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Heptachlor	UG/L		0.030U		0.030U		0.030U		0.030U		0.031U
Methoxychlor	UG/L		0.30U		0.30U		0.30U		0.30U		0.31U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137C	2-138A	2-141A	2-142A	2-143A
	SampleID	TK3157	TK3173	TK3148	TK2937	TK3130
	SampleDate	09-DEC-98	10-DEC-98	09-DEC-98	16-NOV-98	07-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
4,4'-DDE	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
4,4'-DDT	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Aldrin	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Alpha-bhc	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Alpha-chlordane	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Aroclor-1016	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Aroclor-1221	UG/L	0.67U	0.68U	0.65U	0.65U	0.66U
Aroclor-1232	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Aroclor-1242	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Aroclor-1248	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Aroclor-1254	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Aroclor-1260	UG/L	0.52U	0.53U	0.50U	0.50U	0.51U
Beta-BHC	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Delta-BHC	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Dieldrin	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Endosulfan I	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Endosulfan II	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Endosulfan Sulfate	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Endrin Aldehyde	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Endrin Ketone	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Endrin	UG/L	0.072U	0.074U	0.070U	0.070U	0.071U
Gamma-BHC	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Gamma-chlordane	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Heptachlor Epoxide	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Heptachlor	UG/L	0.031U	0.032U	0.030U	0.030U	0.031U
Methoxychlor	UG/L	0.31U	0.32U	0.30U	0.30U	0.31U
Toxaphene	UG/L	2.1U	2.1U	2.0U	2.0U	2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-143C		2-144A		2-144C		2-147C		2-18	
	SampleID	TK3132		TK3233		TK3236		TK2541		TK2987	
	SampleDate	07-DEC-98		16-DEC-98		16-DEC-98		29-SEP-98		23-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
4,4'-DDE	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
4,4'-DDT	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Aldrin	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Alpha-bhc	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Alpha-chlordane	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Aroclor-1016	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Aroclor-1221	UG/L		0.67U		0.71U		0.68U		0.66U		0.65U
Aroclor-1232	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Aroclor-1242	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Aroclor-1248	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Aroclor-1254	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Aroclor-1260	UG/L		0.52U		0.54U		0.53U		0.51U		0.50U
Beta-BHC	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Delta-BHC	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Dieldrin	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Endosulfan I	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Endosulfan II	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Endosulfan Sulfate	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Endrin Aldehyde	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Endrin Ketone	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Endrin	UG/L		0.072U		0.076U		0.074U		0.071U		0.070U
Gamma-BHC	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Gamma-chlordane	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Heptachlor	UG/L		0.031U		0.033U		0.032U		0.030U		0.030U
Methoxychlor	UG/L		0.31U		0.33U		0.32U		0.30U		0.30U
Toxaphene	UG/L		2.1U		2.2U		2.1U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-19A		2-20A		2-217C		2-21A		2-22	
	SampleID	TK2975		TK2977		TK3095		TK2583		TK3000	
	SampleDate	20-NOV-98		20-NOV-98		03-DEC-98		06-OCT-98		23-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
4,4'-DDE	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
4,4'-DDT	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Aldrin	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-bhc	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-chlordane	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Aroclor-1016	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1221	UG/L		0.65U		0.65U		0.66U		0.66U		0.65U
Aroclor-1232	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1242	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1248	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1254	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1260	UG/L		0.50U		0.50U		0.51U		0.51U		0.50U
Beta-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Delta-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Dieldrin	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endosulfan I	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Endosulfan II	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin Ketone	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin	UG/L		0.070U		0.070U		0.071U		0.071U		0.070U
Gamma-BHC	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Gamma-chlordane	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor	UG/L		0.030U		0.030U		0.031U		0.030U		0.030U
Methoxychlor	UG/L		0.30U		0.30U		0.31U		0.30U		0.30U
Toxaphene	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274A		2-278A		2-280A		2-281A		2-282A		2-283A	
	SampleID	TK2934		TK3198		TK3404		TK3134		TK3169		TK3138	
	SampleDate	16-NOV-98		11-DEC-98		07-JAN-99		07-DEC-98		10-DEC-98		07-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
4,4'-DDE	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
4,4'-DDT	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Aldrin	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Alpha-bhc	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Alpha-chlordane	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Aroclor-1016	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Aroclor-1221	UG/L		0.72U		0.66U		0.72U		0.66U		0.68U		0.66U
Aroclor-1232	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Aroclor-1242	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Aroclor-1248	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Aroclor-1254	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Aroclor-1260	UG/L		0.56U		0.51U		0.56U		0.51U		0.53U		0.51U
Beta-BHC	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Delta-BHC	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Dieldrin	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Endosulfan I	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Endosulfan II	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Endosulfan Sulfate	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Endrin Aldehyde	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Endrin Ketone	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Endrin	UG/L		0.078U		0.071U		0.078U		0.071U		0.074U		0.071U
Gamma-BHC	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Gamma-chlordane	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Heptachlor Epoxide	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Heptachlor	UG/L		0.033U		0.031U		0.033U		0.031U		0.032U		0.030U
Methoxychlor	UG/L		0.33U		0.31U		0.33U		0.31U		0.32U		0.30U
Toxaphene	UG/L		2.2U		2.0U		2.2U		2.0U		2.1U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-284A		2-285A		2-285C		2-286A		2-286C		2-287AR	
	SampleID	TK3237		TK3238		TK3240		TK3111		TK3112		TK3113	
	SampleDate	16-DEC-98		16-DEC-98		16-DEC-98		04-DEC-98		04-DEC-98		04-DEC-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
4,4'-DDE	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
4,4'-DDT	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Aldrin	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Alpha-bhc	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Alpha-chlordane	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Aroclor-1016	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Aroclor-1221	UG/L		0.69U		0.68U		0.68U		0.66U		0.67U		0.70U
Aroclor-1232	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Aroclor-1242	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Aroclor-1248	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Aroclor-1254	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Aroclor-1260	UG/L		0.53U		0.52U		0.53U		0.51U		0.52U		0.54U
Beta-BHC	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Delta-BHC	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Dieldrin	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Endosulfan I	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Endosulfan II	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Endosulfan Sulfate	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Endrin Aldehyde	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Endrin Ketone	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Endrin	UG/L		0.074U		0.073U		0.074U		0.071U		0.072U		0.075U
Gamma-BHC	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Gamma-chlordane	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Heptachlor	UG/L		0.032U		0.031U		0.032U		0.031U		0.031U		0.032U
Methoxychlor	UG/L		0.32U		0.31U		0.32U		0.31U		0.31U		0.32U
Toxaphene	UG/L		2.1U		2.1U		2.1U		2.0U		2.1U		2.2U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-288A		2-289A		2-325A		2-328A		2-329A		2-349A	
	SampleID	TK3115		TK3117		TK3406		TK3160		TK3242		TK3428	
	SampleDate	04-DEC-98		04-DEC-98		07-JAN-99		09-DEC-98		16-DEC-98		11-JAN-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
4,4'-DDE	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
4,4'-DDT	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Aldrin	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Alpha-bhc	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Alpha-chlordane	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Aroclor-1016	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Aroclor-1221	UG/L		0.66U		0.67U		0.68U		0.68U		0.68U		0.69U
Aroclor-1232	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Aroclor-1242	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Aroclor-1248	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Aroclor-1254	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Aroclor-1260	UG/L		0.51U		0.52U		0.53U		0.53U		0.52U		0.53U
Beta-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Delta-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Dieldrin	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Endosulfan I	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Endosulfan II	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Endosulfan Sulfate	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Endrin Aldehyde	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Endrin Ketone	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Endrin	UG/L		0.071U		0.072U		0.074U		0.074U		0.073U		0.074U
Gamma-BHC	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Gamma-chlordane	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Heptachlor	UG/L		0.030U		0.031U		0.032U		0.032U		0.031U		0.032U
Methoxychlor	UG/L		0.30U		0.31U		0.32U		0.32U		0.31U		0.32U
Toxaphene	UG/L		2.0U		2.1U		2.1U		2.1U		2.1U		2.1U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349C	2-351A	2-351C	2-374A	2-62A	2-63A
	SampleID	TK3430	TK3162	TK3164	TK3246	TK2944	TK2946
	SampleDate	11-JAN-99	09-DEC-98	09-DEC-98	16-DEC-98	17-NOV-98	17-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
4,4'-DDE	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
4,4'-DDT	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Aldrin	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Alpha-bhc	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Alpha-chlordane	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Aroclor-1016	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Aroclor-1221	UG/L	0.68U	0.68U	0.68U	0.67U	0.67U	0.72U
Aroclor-1232	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Aroclor-1242	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Aroclor-1248	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Aroclor-1254	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Aroclor-1260	UG/L	0.52U	0.52U	0.52U	0.52U	0.52U	0.56U
Beta-BHC	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Delta-BHC	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Dieldrin	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Endosulfan I	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Endosulfan II	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Endosulfan Sulfate	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Endrin Aldehyde	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Endrin Ketone	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Endrin	UG/L	0.073U	0.073U	0.073U	0.072U	0.072U	0.078U
Gamma-BHC	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Gamma-chlordane	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Heptachlor Epoxide	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Heptachlor	UG/L	0.031U	0.031U	0.031U	0.031U	0.031U	0.033U
Methoxychlor	UG/L	0.31U	0.31U	0.31U	0.31U	0.31U	0.33U
Toxaphene	UG/L	2.1U	2.1U	2.1U	2.1U	2.1U	2.2U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64A		2-65A		2-66C		2-68C		2C		3B	
	SampleID	TK2948		TK2929		TK2814		TK3107		TK2840		TK3015	
	SampleDate	17-NOV-98		16-NOV-98		30-OCT-98		03-DEC-98		04-NOV-98		24-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
4,4'-DDE	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
4,4'-DDT	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Aldrin	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Alpha-bhc	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Alpha-chlordane	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Aroclor-1016	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Aroclor-1221	UG/L		0.68U		0.68U		0.66U		0.65U		0.66U		0.68U
Aroclor-1232	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Aroclor-1242	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Aroclor-1248	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Aroclor-1254	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Aroclor-1260	UG/L		0.53U		0.53U		0.51U		0.50U		0.51U		0.53U
Beta-BHC	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Delta-BHC	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Dieldrin	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Endosulfan I	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Endosulfan II	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Endosulfan Sulfate	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Endrin Aldehyde	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Endrin Ketone	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Endrin	UG/L		0.074U		0.074U		0.071U		0.070U		0.071U		0.074U
Gamma-BHC	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Gamma-chlordane	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Heptachlor Epoxide	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Heptachlor	UG/L		0.032U		0.032U		0.031U		0.030U		0.031U		0.032U
Methoxychlor	UG/L		0.32U		0.32U		0.31U		0.30U		0.31U		0.32U
Toxaphene	UG/L		2.1U		2.1U		2.0U		2.0U		2.0U		2.1U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	41C	41D	42C	43C	45CR
	SampleID	TK3341	TK3342	TK3344	TK3126	TK2817
	SampleDate	31-DEC-98	31-DEC-98	31-DEC-98	07-DEC-98	03-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
4,4'-DDE	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
4,4'-DDT	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Aldrin	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Alpha-bhc	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Alpha-chlordane	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Aroclor-1016	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Aroclor-1221	UG/L	0.66U	0.67U	0.71U	0.66U	0.66U
Aroclor-1232	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Aroclor-1242	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Aroclor-1248	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Aroclor-1254	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Aroclor-1260	UG/L	0.51U	0.52U	0.54U	0.51U	0.51U
Beta-BHC	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Delta-BHC	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Dieldrin	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Endosulfan I	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Endosulfan II	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Endosulfan Sulfate	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Endrin Aldehyde	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Endrin Ketone	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Endrin	UG/L	0.071U	0.072U	0.076U	0.071U	0.071U
Gamma-BHC	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Gamma-chlordane	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Heptachlor Epoxide	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Heptachlor	UG/L	0.030U	0.031U	0.033U	0.031U	0.031U
Methoxychlor	UG/L	0.30U	0.31U	0.33U	0.31U	0.31U
Toxaphene	UG/L	2.0U	2.1U	2.2U	2.0U	2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45DR	46C	47C	4C	58AR
	SampleID	TK2818	TK2822	TK2918	TK2973	TK2632
	SampleDate	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98	13-OCT-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
4,4'-DDE	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
4,4'-DDT	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Aldrin	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Alpha-bhc	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Aroclor-1221	UG/L	0.66U	0.65U	0.66U	0.65U	0.65U
Aroclor-1232	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Aroclor-1242	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Aroclor-1248	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Aroclor-1254	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Aroclor-1260	UG/L	0.51U	0.50U	0.51U	0.50U	0.50U
Beta-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Endosulfan I	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Endrin Ketone	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Endrin	UG/L	0.071U	0.070U	0.071U	0.070U	0.070U
Gamma-BHC	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.031U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.31U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR	5B	60C	61B	6A
	SampleID	TK2892	TK2843	TK2860	TK2983	TK2652
	SampleDate	12-NOV-98	04-NOV-98	05-NOV-98	20-NOV-98	14-OCT-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Alpha-bhc	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.66U	0.66U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.031U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.31U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	76B		76D		77C		77D		78B		79C	
	SampleID	TK2968		TK2970		TK3017		TK3018		TK2957		TK3031	
	SampleDate	18-NOV-98		18-NOV-98		24-NOV-98		24-NOV-98		20-NOV-98		25-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**												
4,4'-DDD	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
4,4'-DDE	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
4,4'-DDT	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Aldrin	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Alpha-bhc	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Alpha-chlordane	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Aroclor-1016	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Aroclor-1221	UG/L		0.65U		0.65U		0.68U		0.68U		0.65U		0.66U
Aroclor-1232	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Aroclor-1242	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Aroclor-1248	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Aroclor-1254	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Aroclor-1260	UG/L		0.50U		0.50U		0.53U		0.53U		0.50U		0.51U
Beta-BHC	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Delta-BHC	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Dieldrin	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Endosulfan I	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Endosulfan II	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Endosulfan Sulfate	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Endrin Aldehyde	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Endrin Ketone	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Endrin	UG/L		0.070U		0.070U		0.074U		0.074U		0.070U		0.071U
Gamma-BHC	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Gamma-chlordane	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Heptachlor Epoxide	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Heptachlor	UG/L		0.030U		0.030U		0.032U		0.032U		0.030U		0.030U
Methoxychlor	UG/L		0.30U		0.30U		0.32U		0.32U		0.30U		0.30U
Toxaphene	UG/L		2.0U		2.0U		2.1U		2.1U		2.0U		2.0U

TABLE A.23

Analytical Data Summary Table for Pesticides in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	83C	84C	85B	86C	9C
	SampleID	TK2877	TK2867	TK2995	TK2961	TK2835
	SampleDate	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98	04-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Alpha-bhc	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.66U	0.66U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.51U	0.51U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Endrin	UG/L	0.071U	0.071U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.031U	0.031U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.31U	0.31U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10C		11B		13A		1-65C		1-65C		1-66A		1-66A		1-66C	
	SampleID	TK2851		TK3021		TK2580		TK2109		TK3497		TK2119		TK3499		TK2121	
	SampleDate	05-NOV-98		25-NOV-98		06-OCT-98		10-AUG-98		15-JAN-99		11-AUG-98		15-JAN-99		11-AUG-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**																
Arsenic	UG/L		4.0U		5.7B		4.0U		7.0U		4.0U		7.0U		4.0U		7.0U
Barium	UG/L		400=		232=		560=		425=		337=		1020=		1000=		306=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		2.0U		5.3=		7.1=		340=		137=		1.0U		1.0U		2.5B
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		1.0U		2.0U		1.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1.4B		1.0U		5.6=		127=		109=		3.5B		1.0U		7.9=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		4.0U		5.0U		4.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.1B		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-66C	1-67A	1-67A	1-67C	1-67C	1C	2-106A	2-111A
	SampleID	TK3501	TK2228	TK3517	TK2230	TK3520	TK2833	TK2525	TK2528
	SampleDate	15-JAN-99	24-AUG-98	18-JAN-99	24-AUG-98	18-JAN-99	04-NOV-98	28-SEP-98	28-SEP-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	7.0U	25.3=	7.0U	4.0U	4.0U	4.6B	6.2B
Barium	UG/L	311=	406=	643=	473=	497=	654=	471=	348=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	1.0U	195=	2170=	1.0U	5.8=	2.0U	2.0U	2.0U
Lead	UG/L	1.0U	2.0U	1.0U	2.0U	1.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	4.8=	266=	858=	1.0U	2.3B	1.1B	1.3B	20.0=
Selenium	UG/L	4.0U	5.0U	4.0U	5.0U	4.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-112A		2-113A		2-114A		2-115A		2-12		2-122C		2-123C		2-124C	
	SampleID	TK2567		TK2570		TK2617		TK2619		TK3001		TK3061		TK2992		TK2895	
	SampleDate	01-OCT-98		01-OCT-98		09-OCT-98		09-OCT-98		23-NOV-98		30-NOV-98		23-NOV-98		10-NOV-98	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**																
Arsenic	UG/L		4.0U		4.0U		4.0U		5.1B		5.4B		4.4B		5.5B		4.0U
Barium	UG/L		283=		376=		404=		458=		483=		1930=		537=		258=
Cadmium	UG/L		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U		1.0U
Chromium, Total	UG/L		46.7=		26.3=		2.0U		2.0U		7.2=		5.3=		2.0U		2.0U
Lead	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	UG/L		1090=		204=		2.2B		14.2=		2.5B		13.7=		2.8B		7.4=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124D	2-125C	2-126C	2-127C	2-128C	2-129C	2-13	2-130C
	SampleID	TK2897	TK2888	TK2856	TK3100	TK3035	TK2871	TK3002	TK3042
	SampleDate	10-NOV-98	09-NOV-98	05-NOV-98	03-DEC-98	25-NOV-98	06-NOV-98	23-NOV-98	27-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.1B	4.0U	4.0U	4.6B	4.0U	4.0U	4.0U
Barium	UG/L	373=	456=	427=	204=	430=	363=	419=	589=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	3.9B	7.7=	41.4=	3.7B	2.1B	3.9B	4.9B	6.9=
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	101=	12.9=	8.3=	2.1B	2.2B	3.8B	10.2=	5.5=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131C	2-132C	2-133C	2-134A	2-135A	2-135C	2-136A	2-136C
	SampleID	TK2901	TK2922	TK3056	TK3050	TK3004	TK3006	TK3008	TK3010
	SampleDate	11-NOV-98	13-NOV-98	30-NOV-98	30-NOV-98	23-NOV-98	23-NOV-98	23-NOV-98	23-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	7.0B	4.0U	4.0U	4.0U	6.4B	4.0U	7.1B	4.0U
Barium	UG/L	190=	410=	400=	409=	597=	544=	633=	590=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	4.1B	5.0=	4.3B	2.0U	6.7=	2.0U	2.0U	15.0=
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	1.0U	12.9=	19.3=	7.9=	30.2=	1.0B	14.5=	677=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-137A	2-137C	2-138A	2-141A	2-142A	2-143A	2-143C	2-144A
	SampleID	TK3155	TK3157	TK3173	TK3148	TK2937	TK3130	TK3132	TK3233
	SampleDate	09-DEC-98	09-DEC-98	10-DEC-98	09-DEC-98	16-NOV-98	07-DEC-98	07-DEC-98	16-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
Barium	UG/L	709=	436=	162=	226=	337=	360=	575=	462=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	7.0=	54.6=	14.2=	11.7=	11.2=	18.2N	2.0UN	2.1B
Lead	UG/L	2.0U	2.0U	2.0U	2.4B	2.1B	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	5.0=	190=	16.8=	432=	179=	26.1=	10.9=	3.4B
Selenium	UG/L	5.3=	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144C	2-147C	2-18	2-19A	2-20A	2-217C	2-21A	2-22
	SampleID	TK3236	TK2541	TK2987	TK2975	TK2977	TK3095	TK2583	TK3000
	SampleDate	16-DEC-98	29-SEP-98	23-NOV-98	20-NOV-98	20-NOV-98	03-DEC-98	06-OCT-98	23-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	5.9B	4.5B	4.0U	4.0U	4.0U	4.9B	7.2B
Barium	UG/L	412=	612=	440=	411=	758=	908=	402=	489=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	37.3=	22.4=	26.7=	2.0U	2.0U	2.0U	2.0U	2.4B
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	4.0=
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	190=	16.9=	4.8=	6.1=	1.3B	1.5B	1.0U	2.1B
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274A	2-278A	2-280A	2-281A	2-282A	2-283A	2-284A	2-285A
	SampleID	TK2934	TK3198	TK3404	TK3134	TK3169	TK3138	TK3237	TK3238
	SampleDate	16-NOV-98	11-DEC-98	07-JAN-99	07-DEC-98	10-DEC-98	07-DEC-98	16-DEC-98	16-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	13.6=
Barium	UG/L	104=	256=	389=	535=	500=	424=	536=	516=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	4.6B	2.0U	6.1=	2.0UN	2.2B	3.7BN	168=	78.2=
Lead	UG/L	3.3=	2.0U	1.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	1.8B	1.0U	7.1=	1.0U	6.1=	46.8=	502=	230=
Selenium	UG/L	5.0U	5.0U	4.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-285C	2-286A	2-286C	2-287AR	2-288A	2-289A	2-325A	2-328A
	SampleID	TK3240	TK3111	TK3112	TK3113	TK3115	TK3117	TK3406	TK3160
	SampleDate	16-DEC-98	04-DEC-98	04-DEC-98	04-DEC-98	04-DEC-98	04-DEC-98	07-JAN-99	09-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	77.0=	4.6B	13.6=	5.6B	6.8B	6.3B	6.0B	4.0U
Barium	UG/L	1350=	548=	403=	172=	700=	478=	31.5=	708=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	1610=	14.2=	47.4=	11.2=	2.1B	43.0=	5.7=	2.0U
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	1.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	1090=	10.6=	302=	2.7B	3.2B	115=	1.9B	6.8=
Selenium	UG/L	7.2=	5.0U	5.0U	5.0U	5.0U	5.0U	4.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329A	2-349A	2-349C	2-351A	2-351C	2-374A	2-62A	2-63A
	SampleID	TK3242	TK3428	TK3430	TK3162	TK3164	TK3246	TK2944	TK2946
	SampleDate	16-DEC-98	11-JAN-99	11-JAN-99	09-DEC-98	09-DEC-98	16-DEC-98	17-NOV-98	17-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	6.3B
Barium	UG/L	342=	366=	593=	600=	70.8=	314=	522=	771=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	3.4B	22.2*	18.5*	2.0U	2.0U	53.4=	8.2=	40.0=
Lead	UG/L	2.0U	1.0U	2.2B	2.0U	2.0U	8.2=	2.0U	5.9=
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	13.4=	481=	2.0B	2.4B	1.5B	48.3=	6.1=	75.4=
Selenium	UG/L	5.0U	4.0U	4.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64A	2-65A	2-66C	2-68C	2C	3B	41C	41D
	SampleID	TK2948	TK2929	TK2814	TK3107	TK2840	TK3015	TK3341	TK3342
	SampleDate	17-NOV-98	16-NOV-98	30-OCT-98	03-DEC-98	04-NOV-98	24-NOV-98	31-DEC-98	31-DEC-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.0U	5.5B	12.2=	4.5B	12.1=	4.5B	4.0U
Barium	UG/L	344=	282=	408=	512=	428=	1470=	303=	221=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	9.4=	125=	60.1=	95.0=	24.4=	2.0U	109=	58.1=
Lead	UG/L	2.0U	11.1=	2.0U	2.0U	2.0U	2.0U	1.0U	1.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	30.4=	298=	666=	148=	62.1=	1.4B	498=	2.5B
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	4.0U	4.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	42C	43C	45CR	45DR	46C	47C	4C	58AR
	SampleID	TK3344	TK3126	TK2817	TK2818	TK2822	TK2918	TK2973	TK2632
	SampleDate	31-DEC-98	07-DEC-98	03-NOV-98	03-NOV-98	03-NOV-98	13-NOV-98	20-NOV-98	13-OCT-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	4.0U	4.0U	6.3B	5.4B	5.5B	4.0U	12.3=	25.7=
Barium	UG/L	183=	115=	176=	782=	354=	479=	179=	135=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	1.6B	3.3BN	21.7=	11.6=	3.9B	7.4=	16.6=	2.0U
Lead	UG/L	1.0U	2.0U	4.1=	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	4.5=	144=	13.5=	29.1=	3.7B	22.0=	11.6=	9.5=
Selenium	UG/L	4.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	59AR	5B	60C	61B	6A	76B	76D	77C
	SampleID	TK2892	TK2843	TK2860	TK2983	TK2652	TK2968	TK2970	TK3017
	SampleDate	12-NOV-98	04-NOV-98	05-NOV-98	20-NOV-98	14-OCT-98	18-NOV-98	18-NOV-98	24-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	5.1B	4.0U	4.0U	4.0U	4.5B	4.0U	23.2=	6.0B
Barium	UG/L	446=	388=	134=	352=	337=	464=	676=	782=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	2.0U	2.4B	3.7B	2.0U	2.0U	2.0U	156=	2.0U
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	2.1B	2.3B	4.1=	1.0U	5.9=	26.1=	276=	3.4B
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.24

Analytical Data Summary Table for Metals in the LSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	77D	78B	79C	83C	84C	85B	86C	9C
	SampleID	TK3018	TK2957	TK3031	TK2877	TK2867	TK2995	TK2961	TK2835
	SampleDate	24-NOV-98	20-NOV-98	25-NOV-98	09-NOV-98	06-NOV-98	23-NOV-98	20-NOV-98	04-NOV-98
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**								
Arsenic	UG/L	7.0B	4.6B	5.4B	4.0U	4.0U	4.8B	4.0U	4.0U
Barium	UG/L	496=	339=	531=	106=	1810=	351=	350=	478=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	2.0U	2.0U	2.0U	2.0U	21.3=	2.0U	20.8=	29.1=
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.2B	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	2.1B	4.6=	6.3=	4.1=	1.6B	2.7B	228=	107=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

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TABLE A.25
Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D		2-132D	
	SampleID	TK2853		TK2581		TK2527		TK2530		TK2902		TK2923	
	SampleDate	05-NOV-98		06-OCT-98		28-SEP-98		28-SEP-98		11-NOV-98		13-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloropropene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane (ethylene Dibromide)	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
2,2-Dichloropropane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
2-Chlorotoluene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
4-Chlorotoluene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Acetone	UG/L	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Bromobenzene	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	UG/L	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	UG/L	1	U	1	U	1	U	1	U	1	U	1	U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D		2-132D	
	SampleID	TK2853		TK2581		TK2527		TK2530		TK2902		TK2923	
	SampleDate	05-NOV-98		06-OCT-98		28-SEP-98		28-SEP-98		11-NOV-98		13-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		0.6B		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133D		2-134C		2-138C		2-139C		2-140C		2-141C	
	SampleID	TK3058		TK3052		TK3176		TK3179		TK3439		TK3153	
	SampleDate	30-NOV-98		30-NOV-98		10-DEC-98		10-DEC-98		12-JAN-99		09-DEC-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133D		2-134C		2-138C		2-139C		2-140C		2-141C	
	SampleID	TK3058		TK3052		TK3176		TK3179		TK3439		TK3153	
	SampleDate	30-NOV-98		30-NOV-98		10-DEC-98		10-DEC-98		12-JAN-99		09-DEC-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1.7=		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D		43D		46D	
	SampleID	TK2939		TK2542		TK2585		TK3345		TK3128		TK2823	
	SampleDate	16-NOV-98		29-SEP-98		06-OCT-98		31-DEC-98		07-DEC-98		03-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D		43D		46D	
	SampleID	TK2939		TK2542		TK2585		TK3345		TK3128		TK2823	
	SampleDate	16-NOV-98		29-SEP-98		06-OCT-98		31-DEC-98		07-DEC-98		03-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U		0.6B
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47D		59D		60D		79D		84D		85D	
	SampleID	TK2919		TK2909		TK2861		TK3033		TK2868		TK2998	
	SampleDate	13-NOV-98		12-NOV-98		05-NOV-98		25-NOV-98		06-NOV-98		23-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U		1U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		1.6B		5U
Benzene	UG/L		1U		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U		1U
Bromoform	UG/L		1U		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.25

Analytical Data Summary Table for VOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47D		59D		60D		79D		84D		85D	
	SampleID	TK2919		TK2909		TK2861		TK3033		TK2868		TK2998	
	SampleDate	13-NOV-98		12-NOV-98		05-NOV-98		25-NOV-98		06-NOV-98		23-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	UG/L		5U		5U		5U		5U		5U		5U
Methylene Chloride	UG/L		1.2B		0.7B		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	UG/L		1U		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	UG/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene	UG/L		1U		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U		1U
Trichloroethylene	UG/L		1U		1U		1U		1.3=		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U		1U

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D		2-132D	
	SampleID	TK2853		TK2581		TK2527		TK2530		TK2902		TK2923	
	SampleDate	05-NOV-98		06-OCT-98		28-SEP-98		28-SEP-98		11-NOV-98		13-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D		2-132D	
	SampleID	TK2853		TK2581		TK2527		TK2530		TK2902		TK2923	
	SampleDate	05-NOV-98		06-OCT-98		28-SEP-98		28-SEP-98		11-NOV-98		13-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		NA		NA		NA		NA		NA	NA	
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethyl Phthalate	UG/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		NA		NA		NA		NA		NA		NA
Fluoranthene	UG/L		10U		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133D		2-134C		2-138C		2-139C		2-140C		2-141C	
	SampleID	TK3058		TK3052		TK3176		TK3179		TK3439		TK3153	
	SampleDate	30-NOV-98		30-NOV-98		10-DEC-98		10-DEC-98		12-JAN-99		09-DEC-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
1,2-Dichlorobenzene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
1,3-Dichlorobenzene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
1,4-Dichlorobenzene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,2-oxybis(1-Chloropropane)	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,4,5-Trichlorophenol	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
2,4,6-Trichlorophenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,4-Dichlorophenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,4-Dimethylphenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,4-Dinitrophenol	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
2,4-Dinitrotoluene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2,6-Dinitrotoluene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2-Chloronaphthalene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2-Chlorophenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2-Methylnaphthalene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2-Methylphenol (o-cresol)	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
2-Nitroaniline	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
2-Nitrophenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
3+4-Methyphenols	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
3,3'-Dichlorobenzidine	UG/L	20	U	20	U	20	U	20	U	22	U	20	U
3-Nitroaniline	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
4,6-Dinitro-2-methylphenol	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
4-Bromophenyl Phenyl Ether	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
4-Chloro-3-methylphenol	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
4-Chloroaniline	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
4-Chlorophenyl Phenyl Ether	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
4-Nitroaniline	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
4-Nitrophenol	UG/L	50	U	50	U	50	U	50	U	55	U	50	U
Acenaphthene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
Acenaphthylene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
Anthracene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U
Benzo(a)anthracene	UG/L	10	U	10	U	10	U	10	U	11	U	10	U

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133D		2-134C		2-138C		2-139C		2-140C		2-141C	
	SampleID	TK3058		TK3052		TK3176		TK3179		TK3439		TK3153	
	SampleDate	30-NOV-98		30-NOV-98		10-DEC-98		10-DEC-98		12-JAN-99		09-DEC-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Benzo(a)pyrene	UG/L	10U		10U		10U		10U		11U		10U	
Benzo(b)fluoranthene	UG/L	10U		10U		10U		10U		11U		10U	
Benzo(g,h,i)perylene	UG/L	10U		10U		10U		10U		11U		10U	
Benzo(k)fluoranthene	UG/L	10U		10U		10U		10U		11U		10U	
Benzoic Acid	UG/L	50U		50U		50U		50U		55U		50U	
Benzyl Alcohol	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroethoxy) Methane	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroethyl)ether	UG/L	10U		10U		10U		10U		11U		10U	
Bis(2-chloroisopropyl) Ether	UG/L	NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	UG/L	10U		10U		10U		10U		11U		10U	
Butylbenzylphthalate	UG/L	10U		10U		10U		10U		11U		10U	
Chrysene	UG/L	10U		10U		10U		10U		11U		10U	
Di-n-butylphthalate	UG/L	1.5B		10U		10U		10U		11U		10U	
Di-n-octylphthalate	UG/L	10U		10U		10U		10U		11U		10U	
Dibenz(a,h)anthracene	UG/L	10U		10U		10U		10U		11U		10U	
Dibenzofuran	UG/L	10U		10U		10U		10U		11U		10U	
Diethylphthalate	UG/L	10U		10U		1.6B		10U		11U		10U	
Dimethyl Phthalate	UG/L	10U		10U		10U		10U		11U		10U	
Dimethylphthalate	UG/L	NA		NA		NA		NA		NA		NA	
Fluoranthene	UG/L	10U		10U		10U		10U		11U		10U	
Fluorene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorobenzene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorobutadiene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachlorocyclopentadiene	UG/L	10U		10U		10U		10U		11U		10U	
Hexachloroethane	UG/L	10U		10U		10U		10U		11U		10U	
Indeno_1,2,3-cd_pyrene	UG/L	10U		10U		10U		10U		11U		10U	
Isophorone	UG/L	10U		10U		10U		10U		11U		10U	
N-Nitroso-di-n-propylamine	UG/L	10U		10U		10U		10U		11U		10U	
N-Nitrosodiphenylamine	UG/L	10U		10U		10U		10U		11U		10U	
Naphthalene	UG/L	10U		10U		10U		10U		11U		10U	
Nitrobenzene	UG/L	10U		10U		10U		10U		11U		10U	
Pentachlorophenol	UG/L	50U		50U		50U		50U		55U		50U	
Phenanthrene	UG/L	10U		10U		10U		10U		11U		10U	
Phenol	UG/L	10U		10U		10U		10U		11U		10U	
Pyrene	UG/L	10U		10U		10U		10U		11U		10U	

NA=Not Analyzed

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D		43D		46D	
	SampleID	TK2939		TK2542		TK2585		TK3345		TK3128		TK2823	
	SampleDate	16-NOV-98		29-SEP-98		06-OCT-98		31-DEC-98		07-DEC-98		03-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U		10U
2,2-oxybis(1-Chloropropane)	UG/L		10U		10U		10U				10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	UG/L		10U		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U		10U

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C		2-147D		2-21C		42D		43D		46D	
	SampleID	TK2939		TK2542		TK2585		TK3345		TK3128		TK2823	
	SampleDate	16-NOV-98		29-SEP-98		06-OCT-98		31-DEC-98		07-DEC-98		03-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Benzo(a)pyrene	UG/L	10U		10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	UG/L	10U		10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	UG/L	10U		10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	UG/L	10U		10U		10U		10U		10U		10U	
Benzoic Acid	UG/L	50U		50U		50U		50U		50U		50U	
Benzyl Alcohol	UG/L	10U		10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	UG/L	10U		10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	UG/L	10U		10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	UG/L	NA		NA		NA		10U		NA		NA	
Bis(2-ethylhexyl)phthalate	UG/L	10U		10U		10U		10U		10U		10U	
Butylbenzylphthalate	UG/L	10U		10U		10U		10U		10U		10U	
Chrysene	UG/L	10U		10U		10U		10U		10U		10U	
Di-n-butylphthalate	UG/L	10U		4.2B		4.2B		10U		4.5B		2B	
Di-n-octylphthalate	UG/L	10U		10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	UG/L	10U		10U		10U		10U		10U		10U	
Dibenzofuran	UG/L	10U		10U		10U		10U		10U		10U	
Diethylphthalate	UG/L	46=		10U		10U		10U		10U		10U	
Dimethyl Phthalate	UG/L	10U		10U		10U		NA		10U		10U	
Dimethylphthalate	UG/L	NA		NA		NA		10U		NA		NA	
Fluoranthene	UG/L	10U		10U		10U		10U		10U		10U	
Fluorene	UG/L	10U		10U		10U		10U		10U		10U	
Hexachlorobenzene	UG/L	10U		10U		10U		10U		10U		10U	
Hexachlorobutadiene	UG/L	10U		10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	UG/L	10U		10U		10U		10U		10U		10U	
Hexachloroethane	UG/L	10U		10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	UG/L	10U		10U		10U		10U		10U		10U	
Isophorone	UG/L	10U		10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	UG/L	10U		10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	UG/L	10U		10U		10U		10U		10U		10U	
Naphthalene	UG/L	10U		10U		10U		10U		10U		10U	
Nitrobenzene	UG/L	10U		10U		10U		10U		10U		10U	
Pentachlorophenol	UG/L	50U		50U		50U		50U		50U		50U	
Phenanthrene	UG/L	10U		10U		10U		10U		10U		10U	
Phenol	UG/L	10U		10U		10U		10U		10U		10U	
Pyrene	UG/L	10U		10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47D		59D		60D		79D		84D		85D	
	SampleID	TK2919		TK2909		TK2861		TK3033		TK2868		TK2998	
	SampleDate	13-NOV-98		12-NOV-98		05-NOV-98		25-NOV-98		06-NOV-98		23-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U	
1,2-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U	
1,3-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	UG/L	10U		10U		10U		10U		10U		10U	
2,2-oxybis(1-Chloropropane)	UG/L	10U		10U		10U		10U		10U		10U	
2,4,5-Trichlorophenol	UG/L	50U		50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	UG/L	10U		10U		10U		10U		10U		10U	
2,4-Dichlorophenol	UG/L	10U		10U		10U		10U		10U		10U	
2,4-Dimethylphenol	UG/L	10U		10U		10U		10U		10U		10U	
2,4-Dinitrophenol	UG/L	50U		50U		50U		50U		50U		50U	
2,4-Dinitrotoluene	UG/L	10U		10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	UG/L	10U		10U		10U		10U		10U		10U	
2-Chloronaphthalene	UG/L	10U		10U		10U		10U		10U		10U	
2-Chlorophenol	UG/L	10U		10U		10U		10U		10U		10U	
2-Methylnaphthalene	UG/L	10U		10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	UG/L	10U		10U		10U		10U		10U		10U	
2-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U	
2-Nitrophenol	UG/L	10U		10U		10U		10U		10U		10U	
3+4-Methyphenols	UG/L	10U		10U		10U		10U		10U		10U	
3,3'-Dichlorobenzidine	UG/L	20U		20U		20U		20U		20U		20U	
3-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U	
4,6-Dinitro-2-methylphenol	UG/L	50U		50U		50U		50U		50U		50U	
4-Bromophenyl Phenyl Ether	UG/L	10U		10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	UG/L	10U		10U		10U		10U		10U		10U	
4-Chloroaniline	UG/L	10U		10U		10U		10U		10U		10U	
4-Chlorophenyl Phenyl Ether	UG/L	10U		10U		10U		10U		10U		10U	
4-Nitroaniline	UG/L	50U		50U		50U		50U		50U		50U	
4-Nitrophenol	UG/L	50U		50U		50U		50U		50U		50U	
Acenaphthene	UG/L	10U		10U		10U		10U		10U		10U	
Acenaphthylene	UG/L	10U		10U		10U		10U		10U		10U	
Anthracene	UG/L	10U		10U		10U		10U		10U		10U	
Benzo(a)anthracene	UG/L	10U		10U		10U		10U		10U		10U	

TABLE A.26

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer in 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47D	59D	60D	79D	84D	85D
	SampleID	TK2919	TK2909	TK2861	TK3033	TK2868	TK2998
	SampleDate	13-NOV-98	12-NOV-98	05-NOV-98	25-NOV-98	06-NOV-98	23-NOV-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	4.5B	1B	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10U	10U	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	3.5B	10U	10U
Dimethyl Phthalate	UG/L	10U	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/L	10U	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10U	10U	10U
Isophorone	UG/L	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.27

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-106C		2-111C		2-147D		13C		2-21C		46D	
	SampleID	TK2527		TK2530		TK2542		TK2581		TK2585		TK2823	
	SampleDate	28-SEP-98		28-SEP-98		29-SEP-98		06-OCT-98		06-OCT-98		03-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
4,4'-DDD	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
4,4'-DDE	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
4,4'-DDT	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Aldrin	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Alpha-bhc	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Alpha-chlordane	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Aroclor-1016	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Aroclor-1221	UG/L	0.72U		0.66U		0.72U		0.66U		0.67U		0.65U	
Aroclor-1232	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Aroclor-1242	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Aroclor-1248	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Aroclor-1254	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Aroclor-1260	UG/L	0.56U		0.51U		0.56U		0.51U		0.52U		0.50U	
Beta-BHC	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Delta-BHC	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Dieldrin	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Endosulfan I	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Endosulfan II	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Endosulfan Sulfate	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Endrin Aldehyde	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Endrin Ketone	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Endrin	UG/L	0.078U		0.071U		0.078U		0.071U		0.072U		0.070U	
Gamma-BHC	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Gamma-chlordane	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Heptachlor Epoxide	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Heptachlor	UG/L	0.033U		0.031U		0.033U		0.030U		0.031U		0.030U	
Methoxychlor	UG/L	0.33U		0.31U		0.33U		0.30U		0.31U		0.30U	
Toxaphene	UG/L	2.2U		2.0U		2.2U		2.0U		2.1U		2.0U	

TABLE A.27

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D	60D	84D	2-131D	59D	47D
	SampleID	TK2853	TK2861	TK2868	TK2902	TK2909	TK2919
	SampleDate	05-NOV-98	05-NOV-98	06-NOV-98	11-NOV-98	12-NOV-98	13-NOV-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
4,4'-DDE	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
4,4'-DDT	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Aldrin	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Alpha-bhc	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Alpha-chlordane	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Aroclor-1016	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Aroclor-1221	UG/L	0.65U	0.65U	0.68U	0.68U	0.66U	0.72U
Aroclor-1232	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Aroclor-1242	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Aroclor-1248	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Aroclor-1254	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Aroclor-1260	UG/L	0.50U	0.50U	0.53U	0.52U	0.51U	0.56U
Beta-BHC	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Delta-BHC	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Dieldrin	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Endosulfan I	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Endosulfan II	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Endrin Ketone	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Endrin	UG/L	0.070U	0.070U	0.074U	0.073U	0.071U	0.078U
Gamma-BHC	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Gamma-chlordane	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Heptachlor	UG/L	0.030U	0.030U	0.032U	0.031U	0.030U	0.033U
Methoxychlor	UG/L	0.30U	0.30U	0.32U	0.31U	0.30U	0.33U
Toxaphene	UG/L	2.0U	2.0U	2.1U	2.1U	2.0U	2.2U

TABLE A.27

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1998

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132D	2-142C	85D	79D	2-134C	2-133D
	SampleID	TK2923	TK2939	TK2998	TK3033	TK3052	TK3058
	SampleDate	13-NOV-98	16-NOV-98	23-NOV-98	25-NOV-98	30-NOV-98	30-NOV-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
4,4'-DDE	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
4,4'-DDT	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Aldrin	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Alpha-bhc	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Alpha-chlordane	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Aroclor-1016	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Aroclor-1221	UG/L	0.67U	0.65U	0.66U	0.68U	0.65U	0.65U
Aroclor-1232	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Aroclor-1242	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Aroclor-1248	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Aroclor-1254	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Aroclor-1260	UG/L	0.52U	0.50U	0.51U	0.52U	0.50U	0.50U
Beta-BHC	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Delta-BHC	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Dieldrin	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Endosulfan I	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Endosulfan II	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Endrin Ketone	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Endrin	UG/L	0.072U	0.070U	0.071U	0.073U	0.070U	0.070U
Gamma-BHC	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Gamma-chlordane	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Heptachlor	UG/L	0.031U	0.030U	0.030U	0.031U	0.030U	0.030U
Methoxychlor	UG/L	0.31U	0.30U	0.30U	0.31U	0.30U	0.30U
Toxaphene	UG/L	2.1U	2.0U	2.0U	2.1U	2.0U	2.0U

TABLE A.27

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	43D	2-141C	2-138C	2-139C	42D	2-140C
	SampleID	TK3128	TK3153	TK3176	TK3179	TK3345	TK3439
	SampleDate	07-DEC-98	09-DEC-98	10-DEC-98	10-DEC-98	31-DEC-98	12- JAN-99
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
4,4'-DDD	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
4,4'-DDE	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
4,4'-DDT	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Aldrin	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Alpha-bhc	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Alpha-chlordane	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Aroclor-1016	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Aroclor-1221	UG/L	0.67U	0.65U	0.65U	0.70U	0.68U	0.68U
Aroclor-1232	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Aroclor-1242	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Aroclor-1248	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Aroclor-1254	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Aroclor-1260	UG/L	0.52U	0.50U	0.50U	0.54U	0.53U	0.53U
Beta-BHC	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Delta-BHC	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Dieldrin	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Endosulfan I	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Endosulfan II	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Endosulfan Sulfate	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Endrin Aldehyde	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Endrin Ketone	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Endrin	UG/L	0.072U	0.070U	0.070U	0.075U	0.074U	0.074U
Gamma-BHC	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Gamma-chlordane	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Heptachlor Epoxide	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Heptachlor	UG/L	0.031U	0.030U	0.030U	0.032U	0.032U	0.032U
Methoxychlor	UG/L	0.31U	0.30U	0.30U	0.32U	0.32U	0.32U
Toxaphene	UG/L	2.1U	2.0U	2.0U	2.2U	2.1U	2.1U

TABLE A.28

Analytical Data Summary Table for Metals in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10D		13C		2-106C		2-111C		2-131D		2-132D	
	SampleID	TK2853		TK2581		TK2527		TK2530		TK2902		TK2923	
	SampleDate	05-NOV-98		06-OCT-98		28-SEP-98		28-SEP-98		11-NOV-98		13-NOV-98	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**												
Arsenic	UG/L	4.0U		4.0U		8.2B		6.0B		4.0U		4.0U	
Barium	UG/L	62.8=		400=		636=		477=		294=		280=	
Cadmium	UG/L	1.0U		1.0U		1.0U		1.0U		1.0U		1.0U	
Chromium, Total	UG/L	43.8=		2.5B		10.5=		2.1B		14.9=		9.5=	
Lead	UG/L	2.0U		2.0U		2.0U		2.0U		2.0U		2.0U	
Mercury	UG/L	0.20U		0.20U		0.20U		0.20U		0.20U		0.20U	
Nickel	UG/L	6.5=		1.2B		23.3=		3.0B		458=		139=	
Selenium	UG/L	5.0U		5.0U		5.0U		5.0U		5.0U		5.0U	
Silver	UG/L	2.0U		2.0U		2.0U		2.0U		2.0U		2.0U	

TABLE A.28

Analytical Data Summary Table for Metals in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133D	2-134C	2-138C	2-139C	2-140C	2-141C
	SampleID	TK3058	TK3052	TK3176	TK3179	TK3439	TK3153
	SampleDate	30-NOV-98	30-NOV-98	10-DEC-98	10-DEC-98	12-JAN-99	09-DEC-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
Arsenic	UG/L	8.3B	4.0U	4.0U	4.0U	4.0U	4.0U
Barium	UG/L	417=	831=	163=	917=	463=	629=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	100=	13.4=	7.1=	15.4=	60.5=	2.0U
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	1.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	370=	26.8=	4.3=	3.9B	24.7=	2.0B
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	4.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.28

Analytical Data Summary Table for Metals in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142C	2-147D	2-21C	42D	43D	46D
	SampleID	TK2939	TK2542	TK2585	TK3345	TK3128	TK2823
	SampleDate	16-NOV-98	29-SEP-98	06-OCT-98	31-DEC-98	07-DEC-98	03-NOV-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
Arsenic	UG/L	4.0U	11.8=	6.5B	4.0U	4.0U	4.7B
Barium	UG/L	245=	710=	655=	2040=	218=	498=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	2.3B	83.4=	2.0U	1.0U	3.6BN	3.5B
Lead	UG/L	2.0U	2.9B	2.0U	1.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	6.4=	95.0=	1.0U	1.8B	2.0B	3.9B
Selenium	UG/L	5.0U	5.0U	5.0U	4.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	3.9B	2.0U	2.0U	2.0U

TABLE A.28

Analytical Data Summary Table for Metals in the LLSZ Aquifer in 1998
Tinker AFB, Oklahoma City, Oklahoma

	StationID	47D	59D	60D	79D	84D	85D
	SampleID	TK2919	TK2909	TK2861	TK3033	TK2868	TK2998
	SampleDate	13-NOV-98	12-NOV-98	05-NOV-98	25-NOV-98	06-NOV-98	23-NOV-98
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**						
Arsenic	UG/L	4.0U	4.0U	4.0U	5.3B	4.0U	4.4B
Barium	UG/L	368=	281=	287=	472=	319=	452=
Cadmium	UG/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chromium, Total	UG/L	13.1=	3.4B	5.3=	5.4=	22.9=	7.6=
Lead	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Nickel	UG/L	87.1=	10.1=	138=	1.3B	219=	4.2=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	10B	10E	11C	1B	2-123B
		Sample Number	GW1024	GW1027	GW1031	GW0992	GW0867
		Samp Date	19-OCT-99	19-OCT-99	18-OCT-99	14-OCT-99	01-OCT-99
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
1,1,1,2-Tetrachloroethane	UG/L		1U	1U	1U	1U	1U
1,1,1-Trichloroethane	UG/L		1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	UG/L		1U	1U	1U	1U	1U
1,1,2-Trichloroethane	UG/L		1U	1U	1U	1U	1U
1,1-Dichloroethane	UG/L		1U	1U	1U	1U	1U
1,1-Dichloroethene	UG/L		1U	1U	1U	1U	1U
1,1-Dichloropropene	UG/L		1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	UG/L		1U	1U	1U	1U	1U
1,2,3-Trichloropropane	UG/L		1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	UG/L		1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	UG/L		1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	UG/L		1U	1U	1U	1U	1UJ
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U	1U	1U	1U	1U
1,2-Dichlorobenzene	UG/L		1U	1U	1U	1U	1U
1,2-Dichloroethane	UG/L		1U	1U	1U	1U	1UJ
1,2-Dichloropropane	UG/L		1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U	1U	1U	1U	1U
1,3-Dichlorobenzene	UG/L		1U	1U	1U	1U	1U
1,3-Dichloropropane	UG/L		1U	1U	1U	1U	1U
1,4-Dichlorobenzene	UG/L		1U	1U	1U	1U	1U
2,2-Dichloropropane	UG/L		1U	1U	1U	1U	1UJ
2-Butanone	UG/L		5U	5U	5U	5U	5U
2-Chlorotoluene	UG/L		1U	1U	1U	1U	1U
4-Chlorotoluene	UG/L		1U	1U	1U	1U	1U
4-Isopropyltoluene	UG/L		1U	1U	1U	1U	1U
Acetone	UG/L		5U	5U	5U	0.7J	5R
Benzene	UG/L		1U	1U	1U	1U	1U
Bromobenzene	UG/L		1U	1U	1U	1U	1U
Bromochloromethane	UG/L		1U	1U	1U	1U	1UJ
Bromodichloromethane	UG/L		1U	1U	1U	1U	1UJ

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	10B		10E		11C		1B		2-123B	
		Sample Number	GW1024		GW1027		GW1031		GW0992		GW0867	
		Samp Date	19-OCT-99		19-OCT-99		18-OCT-99		14-OCT-99		01-OCT-99	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Bromoform	UG/L		1U		1U		1U		1U		1U	
Bromomethane	UG/L		1U		1U		1U		1U		1R	
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1UJ	
Chlorobenzene	UG/L		1U		1U		1U		1U		1U	
Chloroethane	UG/L		1U		1U		1U		1U		1U	
Chloroform	UG/L		1U		1U		1U		1U		1U	
Chloromethane	UG/L		1U		1U		1U		1U		1UJ	
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U	
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U	
Dibromomethane	UG/L		1U		1U		1U		1U		1U	
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1UJ	
Ethylbenzene	UG/L		1U		1U		1U		1U		1U	
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U	
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U	
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U	
Methylene Chloride	UG/L		1U		1.2=		1U		1U		1UJ	
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U	
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U	
Naphthalene	UG/L		1U		1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U	
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U	
Styrene	UG/L		1U		1U		1U		1U		1U	
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U	
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U	
Toluene	UG/L		1U		1U		1U		1U		1U	
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U	
Trichloroethene	UG/L		1U		1U		0.6J		1U		1U	
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U	
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U	

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-129B		2-130B		2-131B		2-133B		2-147B	
	Sample Number	GW1050		GW1072		GW1152		GW1116		GW0814	
	Samp Date	20-OCT-99		25-OCT-99		02-NOV-99		28-OCT-99		24-SEP-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1UJ
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5U		5R		5U		5U		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5R		5U		5U		5UJ
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1UJ
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-129B		2-130B		2-131B		2-133B		2-147B	
	Sample Number	GW1050		GW1072		GW1152		GW1116		GW0814	
	Samp Date	20-OCT-99		25-OCT-99		02-NOV-99		28-OCT-99		24-SEP-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Bromoform	UG/L		1U		1U		1U		1U		1UJ
Bromomethane	UG/L		1U		1U		1U		1U		1R
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1UJ
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1UJ
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methylene Chloride	UG/L		1U		1U		1U		1U		1UJ
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethene	UG/L		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-186		2-187		2-188		2-189		2-220B	
	Sample Number	GW0637		GW0638		GW0640		GW0641		GW1149	
	Samp Date	08-SEP-99		08-SEP-99		08-SEP-99		08-SEP-99		02-NOV-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1UJ		1UJ		1UJ		1UJ		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5R		5R		5R		5R		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5R		5R		5R		5R		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1UJ		1UJ		1UJ		1UJ		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-186		2-187		2-188		2-189		2-220B	
	Sample Number	GW0637		GW0638		GW0640		GW0641		GW1149	
	Samp Date	08-SEP-99		08-SEP-99		08-SEP-99		08-SEP-99		02-NOV-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1.3=
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1.1=
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethene	UG/L		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-232		2-5		2-6		2-7		2BR	
	Sample Number	GW0653		GW0644		GW0645		GW0646		GW0973	
	Samp Date	09-SEP-99		09-SEP-99		09-SEP-99		09-SEP-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1UJ		1.2J		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1UJ		2J		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1UJ		1U		1U		1UJ		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1UJ		1UJ		1UJ		1UJ		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		0.5J		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5R		5R		5R		5R		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5R		5R		5R		5R		0.8J
Benzene	UG/L		1U		1U		630=		1U		1U
Bromobenzene	UG/L		1UJ		1UJ		1UJ		1UJ		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	2-232	2-5	2-6	2-7	2BR
		Sample Number	GW0653	GW0644	GW0645	GW0646	GW0973
		Samp Date	09-SEP-99	09-SEP-99	09-SEP-99	09-SEP-99	13-OCT-99
		Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Bromoform	UG/L		1U	1U	1U	1U	1U
Bromomethane	UG/L		1UJ	1UJ	1UJ	1UJ	1U
Carbon Tetrachloride	UG/L		1U	1U	1U	1U	1U
Chlorobenzene	UG/L		1U	1U	1U	1U	1U
Chloroethane	UG/L		1U	1UJ	1UJ	1U	1U
Chloroform	UG/L		1U	1U	1U	1U	1U
Chloromethane	UG/L		1UJ	1U	1U	1UJ	1U
cis-1,2-Dichloroethene	UG/L		1U	1U	1U	1U	1U
Dibromochloromethane	UG/L		1U	1U	1U	1U	1U
Dibromomethane	UG/L		1U	1U	1U	1U	1U
Dichlorodifluoromethane	UG/L		1U	1U	1U	1U	1U
Ethylbenzene	UG/L		1U	1U	25=	1U	1U
Hexachlorobutadiene	UG/L		1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	UG/L		1U	1U	6.1=	1U	1U
m&p-Xylenes	UG/L		1U	1U	3.5=	1U	1U
Methylene Chloride	UG/L		1U	1U	1U	1U	1U
n-Butylbenzene	UG/L		1U	1UJ	1UJ	1U	1U
n-Propylbenzene	UG/L		1U	1U	5.7=	1U	1U
Naphthalene	UG/L		1U	1U	9.5=	1U	1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U	1U	0.7J	1U	1U
Sec-butylbenzene	UG/L		1U	1U	1U	1U	1U
Styrene	UG/L		1U	1U	1U	1U	1U
tert-butylbenzene	UG/L		1U	1U	1U	1U	1U
Tetrachloroethene	UG/L		1U	1U	1U	1U	1U
Toluene	UG/L		1U	1U	1.8=	1U	1U
trans-1,2-Dichloroethene	UG/L		1U	1U	1U	1U	1U
Trichloroethene	UG/L		1U	1U	1U	1U	1U
Trichlorofluoromethane	UG/L		1U	1U	1U	1U	1U
Vinyl Chloride	UG/L		1U	1U	1U	1U	1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	41B		43B		45B		46B		47B	
	Sample Number	GW1417		GW0949		GW1067		GW1107		GW1112	
	Samp Date	29-NOV-99		11-OCT-99		25-OCT-99		28-OCT-99		28-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5U		5U		5U		5U		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		5U		5U		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	41B		43B		45B		46B		47B	
	Sample Number	GW1417		GW0949		GW1067		GW1107		GW1112	
	Samp Date	29-NOV-99		11-OCT-99		25-OCT-99		28-OCT-99		28-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methylene Chloride	UG/L		1U		1U		1.2J		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethene	UG/L		1U		1U		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	4BR		59C		60A		75A		76C	
	Sample Number	GW0976		GW1046		GW1015		GW1083		GW0981	
	Samp Date	13-OCT-99		20-OCT-99		15-OCT-99		26-OCT-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5U		5U		5U		5U		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		0.5J		5U		1.2J		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	4BR		59C		60A		75A		76C	
	Sample Number	GW0976		GW1046		GW1015		GW1083		GW0981	
	Samp Date	13-OCT-99		20-OCT-99		15-OCT-99		26-OCT-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		1U
Chloroethane	UG/L		1U		1U		1U		1U		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		1U		1.5=		1U		1U		3.5=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		1U		1U		1U		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methylene Chloride	UG/L		1U		1U		1U		1U		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethene	UG/L		1U		8.4=		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1U		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1.5=

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	78C		79A		83A		85A		86A	
	Sample Number	GW0961		GW1055		GW1085		GW0888		GW0962	
	Samp Date	12-OCT-99		21-OCT-99		26-OCT-99		04-OCT-99		12-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	UG/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	UG/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	UG/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	UG/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	UG/L		1U		1U		1U		1UJ		1U
1,2-Dibromoethane (ethylene Dibromide)	UG/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	UG/L		1U		1U		1U		1UJ		1U
1,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	UG/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	UG/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	UG/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	UG/L		1U		1U		1U		1U		1U
2-Butanone	UG/L		5U		5U		5U		5U		5U
2-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Chlorotoluene	UG/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	UG/L		1U		1U		1U		1U		1U
Acetone	UG/L		5U		5U		1J		5UJ		5U
Benzene	UG/L		1U		1U		1U		1U		1U
Bromobenzene	UG/L		1U		1U		1U		1U		1U
Bromochloromethane	UG/L		1U		1U		1U		1U		1U
Bromodichloromethane	UG/L		1U		1U		1U		1U		1U

TABLE A.29

Analytical Data Summary Table for VOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	78C		79A		83A		85A		86A	
	Sample Number	GW0961		GW1055		GW1085		GW0888		GW0962	
	Samp Date	12-OCT-99		21-OCT-99		26-OCT-99		04-OCT-99		12-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Bromoform	UG/L		1U		1U		1U		1U		1U
Bromomethane	UG/L		1U		1U		1U		1R		1U
Carbon Tetrachloride	UG/L		1U		1U		1U		1U		1U
Chlorobenzene	UG/L		1U		1U		1U		1U		3.3=
Chloroethane	UG/L		1U		1U		1U		1UJ		1U
Chloroform	UG/L		1U		1U		1U		1U		1U
Chloromethane	UG/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	UG/L		3=		1U		1U		1U		1.3=
Dibromochloromethane	UG/L		1U		1U		1U		1U		1U
Dibromomethane	UG/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	UG/L		1U		0.8J		1U		1UJ		1U
Ethylbenzene	UG/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	UG/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	UG/L		1U		1U		1U		1U		1U
m&p-Xylenes	UG/L		1U		1U		1U		1U		1U
Methylene Chloride	UG/L		1U		1U		1U		1UJ		1U
n-Butylbenzene	UG/L		1U		1U		1U		1U		1U
n-Propylbenzene	UG/L		1U		1U		1U		1U		1U
Naphthalene	UG/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	UG/L		1U		1U		1U		1U		1U
Sec-butylbenzene	UG/L		1U		1U		1U		1U		1U
Styrene	UG/L		1U		1U		1U		1U		1U
tert-butylbenzene	UG/L		1U		1U		1U		1U		1U
Tetrachloroethene	UG/L		1U		1U		1U		1U		1U
Toluene	UG/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	UG/L		1U		1U		1U		1U		1U
Trichloroethene	UG/L		4.1=		2.1=		1U		1U		1U
Trichlorofluoromethane	UG/L		1U		1U		1U		1UJ		1U
Vinyl Chloride	UG/L		1U		1U		1U		1U		1U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	10B	10E	11C	1B	2-123B
	Sample Number	GW1024	GW1027	GW1031	GW0992	GW0867
	Samp Date	19-OCT-99	19-OCT-99	18-OCT-99	14-OCT-99	01-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50UJ
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U
3+4-Methylphenol	UG/L	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20UJ
3-Nitroaniline	UG/L	50U	50U	50U	50U	50R
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10UJ
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	10B		10E		11C		1B		2-123B	
	Sample Number	GW1024		GW1027		GW1031		GW0992		GW0867	
	Samp Date	19-OCT-99		19-OCT-99		18-OCT-99		14-OCT-99		01-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		1.3J		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10UJ
Isophorone	UG/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-129B		2-130B		2-131B		2-133B		2-147B	
	Sample Number	GW1050		GW1072		GW1152		GW1116		GW0814	
	Samp Date	20-OCT-99		25-OCT-99		02-NOV-99		28-OCT-99		24-SEP-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50UJ		50U		50U		50UJ
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methylphenol	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20UJ		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50UJ
4,6-Dinitro-2-methylphenol	UG/L		50U		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10UJ
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10UJ
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50UJ
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	2-129B		2-130B		2-131B		2-133B		2-147B	
		Sample Number	GW1050		GW1072		GW1152		GW1116		GW0814	
		Samp Date	20-OCT-99		25-OCT-99		02-NOV-99		28-OCT-99		24-SEP-99	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10UJ	
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10UJ	
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10UJ	
Benzoic Acid	UG/L		50U		50UJ		50U		50U		50U	
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U	
Butyibenzylphthalate	UG/L		10U		10U		10U		10U		10U	
Chrysene	UG/L		10U		10U		10U		10U		10UJ	
Di-n-butylphthalate	UG/L		10U		10U		1.7J		10U		10U	
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10UJ	
Dibenzofuran	UG/L		10U		10U		10U		10U		10U	
Diethylphthalate	UG/L		10U		10U		10U		10U		10U	
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U	
Fluoranthene	UG/L		10U		10U		10U		10U		10U	
Fluorene	UG/L		10U		10U		10U		10U		10U	
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10UJ	
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U	
Hexachloroethane	UG/L		10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10UJ	
Isophorone	UG/L		10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U	
Naphthalene	UG/L		10U		10U		10U		10U		10U	
Nitrobenzene	UG/L		10U		10U		10U		10U		10U	
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U	
Phenanthrene	UG/L		10U		10U		10U		10U		10U	
Phenol	UG/L		10U		10U		10U		10U		10U	
Pyrene	UG/L		10U		10U		10U		10U		10UJ	

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-186		2-187		2-188		2-189		2-220B	
	Sample Number	GW0637		GW0638		GW0640		GW0641		GW1149	
	Samp Date	08-SEP-99		08-SEP-99		08-SEP-99		08-SEP-99		02-NOV-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50UJ		50UJ		50UJ		50UJ		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10UJ		10UJ		10UJ		10UJ		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methylphenol	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50UJ		50UJ		50UJ		50UJ		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10UJ		10UJ		10UJ		10UJ		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50UJ		50UJ		50UJ		50UJ		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	2-186		2-187		2-188		2-189		2-220B	
	Sample Number	GW0637		GW0638		GW0640		GW0641		GW1149	
	Samp Date	08-SEP-99		08-SEP-99		08-SEP-99		08-SEP-99		02-NOV-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50UJ		50UJ		50UJ		50UJ		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		6.8J
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10UJ		10UJ		10UJ		10UJ		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		1.3J		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	2-232		2-5		2-6		2-7		2BR	
	Sample Number	GW0653		GW0644		GW0645		GW0646		GW0973	
	Samp Date	09-SEP-99		09-SEP-99		09-SEP-99		09-SEP-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50UJ		50UJ		50UJ		50UJ		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10UJ		10UJ		10UJ		10UJ		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50UJ		50UJ		50UJ		50UJ		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methylphenol	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20UJ		20UJ		20UJ		20UJ		20U
3-Nitroaniline	UG/L		50R		50R		50R		50R		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50UJ		50UJ		50UJ		50UJ		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		1.3J		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	2-232		2-5		2-6		2-7		2BR	
		Sample Number	GW0653		GW0644		GW0645		GW0646		GW0973	
		Samp Date	09-SEP-99		09-SEP-99		09-SEP-99		09-SEP-99		13-OCT-99	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U	
Benzoic Acid	UG/L		50U		50U		50U		50U		50U	
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U	
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U	
Chrysene	UG/L		10U		10U		10U		10U		10U	
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U	
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U	
Dibenzofuran	UG/L		10U		10U		10U		10U		10U	
Diethylphthalate	UG/L		10U		10U		10U		10U		10U	
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U	
Fluoranthene	UG/L		10U		10U		10U		10U		10U	
Fluorene	UG/L		10U		10U		10U		10U		10U	
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U	
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U	
Hexachloroethane	UG/L		10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U	
Isophorone	UG/L		10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U	
Naphthalene	UG/L		10U		10U		10U		10U		10U	
Nitrobenzene	UG/L		10U		10U		10U		10U		10U	
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U	
Phenanthrene	UG/L		10U		10U		10U		10U		10U	
Phenol	UG/L		10U		10U		10U		10U		10U	
Pyrene	UG/L		10U		10U		10U		10U		10U	

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	41B	43B	45B	46B	47B
	Sample Number	GW1417	GW0949	GW1067	GW1107	GW1112
	Samp Date	29-NOV-99	11-OCT-99	25-OCT-99	28-OCT-99	28-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	UG/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	UG/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	UG/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	UG/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	UG/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	UG/L	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	UG/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	UG/L	10U	10U	10U	10U	10U
2-Chlorophenol	UG/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	UG/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	UG/L	10U	10U	10U	10U	10U
2-Nitroaniline	UG/L	50U	50U	50U	50U	50U
2-Nitrophenol	UG/L	10U	10U	10U	10U	10U
3+4-Methylphenol	UG/L	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	UG/L	20U	20U	20U	20U	20U
3-Nitroaniline	UG/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	UG/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	UG/L	10U	10U	10U	10U	10U
4-Chloroaniline	UG/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	UG/L	10U	10U	10U	10U	10U
4-Nitroaniline	UG/L	50U	50U	50U	50U	50U
4-Nitrophenol	UG/L	50U	50U	50U	50U	50U
Acenaphthene	UG/L	10U	10U	10U	10U	10U
Acenaphthylene	UG/L	10U	10U	10U	10U	10U
Anthracene	UG/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	UG/L	10U	10U	10U	10U	10U
Benzo(a)pyrene	UG/L	10U	10U	10U	10U	10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	41B		43B		45B		46B		47B	
	Sample Number	GW1417		GW0949		GW1067		GW1107		GW1112	
	Samp Date	29-NOV-99		11-OCT-99		25-OCT-99		28-OCT-99		28-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U
Benzoic Acid	UG/L		50U		50U		50U		50U		50U
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U
Chrysene	UG/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U
Dibenzofuran	UG/L		10U		10U		10U		10U		10U
Diethylphthalate	UG/L		10U		10U		10U		10U		10U
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U
Fluoranthene	UG/L		10U		10U		10U		10U		10U
Fluorene	UG/L		10U		10U		10U		10U		10U
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U
Hexachloroethane	UG/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U
Isophorone	UG/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U
Naphthalene	UG/L		10U		10U		10U		10U		10U
Nitrobenzene	UG/L		10U		10U		10U		10U		10U
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U
Phenanthrene	UG/L		10U		10U		10U		10U		10U
Phenol	UG/L		10U		10U		10U		10U		10U
Pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	4BR		59C		60A		75A		76C	
	Sample Number	GW0976		GW1046		GW1015		GW1083		GW0981	
	Samp Date	13-OCT-99		20-OCT-99		15-OCT-99		26-OCT-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methylphenol	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20U		20U
3-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	Well	4BR		59C		60A		75A		76C	
		Sample Number	GW0976		GW1046		GW1015		GW1083		GW0981	
		Samp Date	13-OCT-99		20-OCT-99		15-OCT-99		26-OCT-99		13-OCT-99	
		Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Benzo(b)fluoranthene	UG/L		10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	UG/L		10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	UG/L		10U		10U		10U		10U		10U	
Benzoic Acid	UG/L		50U		50U		50U		50U		50U	
Benzyl Alcohol	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	UG/L		10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	UG/L		10U		10U		10U		10U		10U	
Butylbenzylphthalate	UG/L		10U		10U		10U		10U		10U	
Chrysene	UG/L		10U		10U		10U		10U		10U	
Di-n-butylphthalate	UG/L		10U		10U		10U		10U		10U	
Di-n-octylphthalate	UG/L		10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	UG/L		10U		10U		10U		10U		10U	
Dibenzofuran	UG/L		10U		10U		10U		10U		10U	
Diethylphthalate	UG/L		10U		10U		10U		10U		10U	
Dimethylphthalate	UG/L		10U		10U		10U		10U		10U	
Fluoranthene	UG/L		10U		10U		10U		10U		10U	
Fluorene	UG/L		10U		10U		10U		10U		10U	
Hexachlorobenzene	UG/L		10U		10U		10U		10U		10U	
Hexachlorobutadiene	UG/L		10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	UG/L		10U		10U		10U		10U		10U	
Hexachloroethane	UG/L		10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	UG/L		10U		10U		10U		10U		10U	
Isophorone	UG/L		10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	UG/L		10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	UG/L		10U		10U		10U		10U		10U	
Naphthalene	UG/L		10U		10U		10U		10U		10U	
Nitrobenzene	UG/L		10U		10U		10U		10U		10U	
Pentachlorophenol	UG/L		50U		50U		50U		50U		50U	
Phenanthrene	UG/L		10U		10U		10U		10U		10U	
Phenol	UG/L		10U		10U		10U		10U		10U	
Pyrene	UG/L		10U		10U		10U		10U		10U	

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma City, Oklahoma

	Well	78C		79A		83A		85A		86A	
	Sample Number	GW0961		GW1055		GW1085		GW0888		GW0962	
	Samp Date	12-OCT-99		21-OCT-99		26-OCT-99		04-OCT-99		12-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	UG/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	UG/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	UG/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	UG/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	UG/L		50U		50U		50U		50UJ		50U
2,4-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	UG/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	UG/L		10U		10U		10U		10U		10U
2-Chlorophenol	UG/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	UG/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	UG/L		10U		10U		10U		10U		10U
2-Nitroaniline	UG/L		50U		50U		50U		50U		50U
2-Nitrophenol	UG/L		10U		10U		10U		10U		10U
3+4-Methylphenol	UG/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	UG/L		20U		20U		20U		20UJ		20U
3-Nitroaniline	UG/L		50U		50U		50U		50R		50U
4,6-Dinitro-2-methylphenol	UG/L		50U		50U		50U		50UJ		50U
4-Bromophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	UG/L		10U		10U		10U		10U		10U
4-Chloroaniline	UG/L		10U		10U		10U		10UJ		10U
4-Chlorophenyl Phenyl Ether	UG/L		10U		10U		10U		10U		10U
4-Nitroaniline	UG/L		50U		50U		50U		50U		50U
4-Nitrophenol	UG/L		50U		50U		50U		50U		50U
Acenaphthene	UG/L		10U		10U		10U		10U		10U
Acenaphthylene	UG/L		10U		10U		10U		10U		10U
Anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	UG/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	UG/L		10U		10U		10U		10U		10U

TABLE A.30

Analytical Data Summary Table for SVOCs in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma City, Oklahoma

	Well	78C	79A	83A	85A	86A
	Sample Number	GW0961	GW1055	GW1085	GW0888	GW0962
	Samp Date	12-OCT-99	21-OCT-99	26-OCT-99	04-OCT-99	12-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
Benzo(b)fluoranthene	UG/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	UG/L	10U	10U	10U	10UJ	10U
Benzo(k)fluoranthene	UG/L	10U	10U	10U	10U	10U
Benzoic Acid	UG/L	50U	50U	50U	50U	50U
Benzyl Alcohol	UG/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	UG/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	UG/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	UG/L	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	UG/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	UG/L	10U	10U	10U	10U	10U
Chrysene	UG/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	UG/L	10U	10U	10U	10U	10U
Di-n-octylphthalate	UG/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	UG/L	10U	10U	10U	10UJ	10U
Dibenzofuran	UG/L	10U	10U	10U	10U	10U
Diethylphthalate	UG/L	10U	10U	10U	10U	10U
Dimethylphthalate	UG/L	10U	10U	10U	10U	10U
Fluoranthene	UG/L	10U	10U	10U	10U	10U
Fluorene	UG/L	10U	10U	10U	10U	10U
Hexachlorobenzene	UG/L	10U	10U	10U	10U	10U
Hexachlorobutadiene	UG/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	UG/L	10U	10U	10U	10U	10U
Hexachloroethane	UG/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	UG/L	10U	10U	10U	10UJ	10U
Isophorone	UG/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	UG/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	UG/L	10U	10U	10U	10U	10U
Naphthalene	UG/L	10U	10U	10U	10U	10U
Nitrobenzene	UG/L	10U	10U	10U	10U	10U
Pentachlorophenol	UG/L	50U	50U	50U	50U	50U
Phenanthrene	UG/L	10U	10U	10U	10U	10U
Phenol	UG/L	10U	10U	10U	10U	10U
Pyrene	UG/L	10U	10U	10U	10U	10U

TABLE A.31
Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	10B	10E	11C	1B	2-123B
	Sample Number	GW1024	GW1027	GW1031	GW0992	GW0867
	Samp Date	19-OCT-99	19-OCT-99	18-OCT-99	14-OCT-99	01-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.66U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	2-129B	2-130B	2-131B	2-133B	2-147B
	Sample Number	GW1050	GW1072	GW1152	GW1116	GW0814
	Samp Date	20-OCT-99	25-OCT-99	02-NOV-99	28-OCT-99	24-SEP-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	2-186	2-187	2-188	2-189	2-220B
	Sample Number	GW0637	GW0638	GW0640	GW0641	GW1149
	Samp Date	08-SEP-99	08-SEP-99	08-SEP-99	08-SEP-99	02-NOV-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	2-232	2-5	2-6	2-7	2BR
	Sample Number	GW0653	GW0644	GW0645	GW0646	GW0973
	Samp Date	09-SEP-99	09-SEP-99	09-SEP-99	09-SEP-99	13-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	41B	43B	45B	46B	47B
	Sample Number	GW1417	GW0949	GW1067	GW1107	GW1112
	Samp Date	29-NOV-99	11-OCT-99	25-OCT-99	28-OCT-99	28-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	4BR	59C	60A	75A	76C
	Sample Number	GW0976	GW1046	GW1015	GW1083	GW0981
	Samp Date	13-OCT-99	20-OCT-99	15-OCT-99	26-OCT-99	13-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.31

Analytical Data Summary Table for Pesticides in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	78C	79A	83A	85A	86A
	Sample Number	GW0961	GW1055	GW1085	GW0888	GW0962
	Samp Date	12-OCT-99	21-OCT-99	26-OCT-99	04-OCT-99	12-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
4,4'-DDD	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDE	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDT	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Aldrin	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Alpha-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Alpha-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Aroclor-1016	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1221	UG/L	0.65U	0.65U	0.65U	0.65U	0.66U
Aroclor-1232	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1242	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1248	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1254	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1260	UG/L	0.50U	0.50U	0.50U	0.50U	0.51U
Beta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Delta-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Dieldrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan I	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Endosulfan II	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan Sulfate	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Aldehyde	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Ketone	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin	UG/L	0.070U	0.070U	0.070U	0.070U	0.071U
Gamma-BHC	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Gamma-chlordane	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Heptachlor Epoxide	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Heptachlor	UG/L	0.030U	0.030U	0.030U	0.030U	0.031U
Methoxychlor	UG/L	0.30U	0.30U	0.30U	0.30U	0.31U
Toxaphene	UG/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	10B		10E		11C		1B		2-123B	
	Sample Number	GW1024		GW1027		GW1031		GW0992		GW0867	
	Samp Date	19-OCT-99		19-OCT-99		18-OCT-99		14-OCT-99		01-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Arsenic	UG/L		10.0U		10.0U		10.0U		10.0U		6.0U
Barium	UG/L		106=		30.1=		92.7=		1200=		491=
Cadmium	UG/L		3.0U		3.0U		3.0U		3.0U		1.0U
Chromium, Total	UG/L		5.0U		20.5=		5.0U		5.0U		5.7J
Lead	UG/L		3.0U		3.0U		3.0U		3.0U		2.0U
Nickel	UG/L		12.7=		463=		4.0U		4.0U		10.7J
Selenium	UG/L		8.4=		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		5.0U		5.0U		5.0U		5.0U		1.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	2-129B		2-130B		2-131B		2-133B		2-147B	
	Sample Number	GW1050		GW1072		GW1152		GW1116		GW0814	
	Samp Date	20-OCT-99		25-OCT-99		02-NOV-99		28-OCT-99		24-SEP-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Arsenic	UG/L		10.0U		10.0U		6.0U		10.0U		10.0U
Barium	UG/L		103=		63.9=		57.8B		72.4=		79.2=
Cadmium	UG/L		3.0U		3.0U		5.0U		3.0U		3.0U
Chromium, Total	UG/L		5.0U		13.3=		64.0=		13.5=		5.7=
Lead	UG/L		3.0U		3.0U		3.0U		3.0U		3.0U
Nickel	UG/L		4.0U		205=		334=		4.0U		104=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	2-186	2-187	2-188	2-189	2-220B
	Sample Number	GW0637	GW0638	GW0640	GW0641	GW1149
	Samp Date	08-SEP-99	08-SEP-99	08-SEP-99	08-SEP-99	02-NOV-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
Arsenic	UG/L	10.0U	10.0U	10.0U	10.0U	10.5=
Barium	UG/L	31.2=	206=	125=	43.3=	256=
Cadmium	UG/L	3.0U	3.0U	3.0U	3.0U	5.0U
Chromium, Total	UG/L	5.0U	7.8=	5.0U	22.4=	8.6B
Lead	UG/L	3.0U	3.0U	3.0U	3.0U	6.0=
Nickel	UG/L	4.0U	10.4=	4.0U	62.6=	5.0U
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	19.8=
Silver	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	2-232		2-5		2-6		2-7		2BR	
	Sample Number	GW0653		GW0644		GW0645		GW0646		GW0973	
	Samp Date	09-SEP-99		09-SEP-99		09-SEP-99		09-SEP-99		13-OCT-99	
	Aquifer Zone	HWBZ		HWBZ		HWBZ		HWBZ		HWBZ	
Parameter	**Units**										
Arsenic	UG/L		10.0U		10.0U		18.0=		10.0U		10.0U
Barium	UG/L		86.2=		61.5=		284=		68.2=		1660=
Cadmium	UG/L		3.0U		3.0U		3.0U		3.0U		3.0U
Chromium, Total	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Lead	UG/L		3.0U		3.0U		7.6=		3.0U		3.0U
Nickel	UG/L		4.0U		11.6=		4.0U		4.0U		13.1=
Selenium	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Silver	UG/L		5.0U		5.0U		5.0U		5.0U		5.0U
Mercury	UG/L		0.20U		0.20U		0.20U		0.20U		0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	41B	43B	45B	46B	47B
	Sample Number	GW1417	GW0949	GW1067	GW1107	GW1112
	Samp Date	29-NOV-99	11-OCT-99	25-OCT-99	28-OCT-99	28-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
Arsenic	UG/L	10.0U	10.0U	10.0U	10.0U	10.0U
Barium	UG/L	89.2=	192=	135=	83.4=	58.0=
Cadmium	UG/L	3.0U	3.0U	3.0U	3.0U	3.0U
Chromium, Total	UG/L	11.7=	7.3=	246=	5.0U	5.3=
Lead	UG/L	3.0U	3.0U	5.4=	3.0U	3.0U
Nickel	UG/L	86.1=	5.6=	12.8=	15.1=	124=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999

Tinker AFB, Oklahoma

	Well	4BR	59C	60A	75A	76C
	Sample Number	GW0976	GW1046	GW1015	GW1083	GW0981
	Samp Date	13-OCT-99	20-OCT-99	15-OCT-99	26-OCT-99	13-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
Arsenic	UG/L	10.0U	10.0U	10.0U	10.0U	10.0U
Barium	UG/L	432=	125=	105=	96.0=	419=
Cadmium	UG/L	3.0U	3.0U	3.0U	3.0U	3.0U
Chromium, Total	UG/L	5.0U	5.0U	5.0U	5.0U	18.7=
Lead	UG/L	3.0U	3.0U	3.0U	3.0U	3.0U
Nickel	UG/L	5.3=	63.2=	4.0U	4.0U	372=
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U

TABLE A.32

Analytical Data Summary Table for Metals in the HWBZ Aquifer in 1999
Tinker AFB, Oklahoma

	Well	78C	79A	83A	85A	86A
	Sample Number	GW0961	GW1055	GW1085	GW0888	GW0962
	Samp Date	12-OCT-99	21-OCT-99	26-OCT-99	04-OCT-99	12-OCT-99
	Aquifer Zone	HWBZ	HWBZ	HWBZ	HWBZ	HWBZ
Parameter	**Units**					
Arsenic	UG/L	10.0U	10.0U	10.0U	6.0U	10.0U
Barium	UG/L	139=	73.9=	42.8=	266=	309=
Cadmium	UG/L	3.0U	3.0U	3.0U	1.0U	3.0U
Chromium, Total	UG/L	18.8=	5.0U	5.0U	4.1J	5.0U
Lead	UG/L	3.0U	3.0U	3.0U	2.0U	3.0U
Nickel	UG/L	33.4=	4.0U	4.0U	3.9J	4.0U
Selenium	UG/L	5.0U	5.0U	5.0U	5.0U	5.0U
Silver	UG/L	5.0U	5.0U	5.0U	1.0U	5.0U
Mercury	UG/L	0.20U	0.20U	0.20U	0.20U	0.20U

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	10A	11A	11A	13	1-66B	1-66B
	Sample Number	GW0026	GW1023	GW0012	GW1028	GW0809	GW0097	GW1608
	Sample Date	06-JUL-99	19-OCT-99	02-JUL-99	18-OCT-99	24-SEP-99	12-JUL-99	17-DEC-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units							
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1.6=	2.3=	1U	1U	1U
1,1-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1UJ
1,2,3-Trichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1UJ
1,2,4-Trimethylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	ug/L	1U	1U	1U	1U	1UJ	1U	1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	1U	1.6=	2.4=	1U	1U	1U
1,2-Dichloroethane	ug/L	1U	1U	1U	1U	1UJ	1U	1U
1,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	1.4=	1U	1U	1U	1U
2,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U
2-Butanone	ug/L	5U	5U	5U	5U	5U	5R	5R
2-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U	1U
4-Isopropyltoluene	ug/L	1U	1U	1U	1U	1U	1U	1U
Acetone	ug/L	5U	5U	5U	5U	5UJ	5R	5R
Benzene	ug/L	1U	1U	1U	0.5J	1U	1U	1U
Bromobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
Bromochloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/L	1U	1U	1U	1U	1U	1U	1U
Bromomethane	ug/L	1U	1U	1U	1U	1R	1U	1U
Carbon Tetrachloride	ug/L	1U	1U	1U	1U	1U	1U	1UJ

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A	10A	11A	11A	13	1-66B	1-66B
	Sample Number	GW0026	GW1023	GW0012	GW1028	GW0809	GW0097	GW1608
	Sample Date	06-JUL-99	19-OCT-99	02-JUL-99	18-OCT-99	24-SEP-99	12-JUL-99	17-DEC-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**							
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1.6=	2.3=	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	1.3=	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	0.7J	0.9J	1UJ	1U	1U
Chloroform	ug/L	6.6=	8.7=	1U	1U	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	2.8=	3.6=	24=	35=	1U	1U	1U
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	1U	1U	1U	1U	1UJ
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1U	1U	1U	1U	1UJ	1UJ	1U
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	2.2=	3.2=	1U	1U	1U
Trichloroethene	ug/L	4.7=	5.4=	520=	710=	1U	1UJ	1U
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1UJ	1U	1UJ
Vinyl Chloride	ug/L	1U	1U	8.7=	12=	1U	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1-67B		1AR		2-106B		2-11	
	Sample Number	GW0126		GW1663		GW0991		GW0521		GW0881	
	Sample Date	14-JUL-99		22-DEC-99		14-OCT-99		26-AUG-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1UJ		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1UJ		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		0.7J		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5R		5R		5U		5R		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5U		5R		5UJ
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1UJ
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		1.2=		1.4=		1U		1U		1UJ

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B	1-67B	1AR	2-106B	2-11
	Sample Number	GW0126	GW1663	GW0991	GW0521	GW0881
	Sample Date	14-JUL-99	22-DEC-99	14-OCT-99	26-AUG-99	04-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1UJ	1U
Chlorobenzene	ug/L	1U	1U	1U	1U	1.9=
Chloroethane	ug/L	1U	1U	1U	1U	1UJ
Chloroform	ug/L	1.8U	2.4=	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	1U	14=	1U	1.2J
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	0.8J	1U	1.5J
Ethylbenzene	ug/L	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1UJ	1U	1U	1U	1UJ
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1UJ
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1.7=	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	0.8J	1U	1U
Trichloroethene	ug/L	0.9J	1.2J	67=	1U	21=
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	1U	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-112B		2-113B		2-114B		2-115B		2-122A	
	Sample Number	GW0524		GW0739		GW0741		GW0745		GW0656		GW0885	
	Sample Date	26-AUG-99		17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1UJ		1UJ		1UJ		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1UJ		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1R		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1R		1UJ		1UJ		1UJ		1UJ		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1R		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
2-Butanone	ug/L		5R		5R		5R		5R		5R		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5R		5R		5R		5UJ
Benzene	ug/L		1U		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1UJ		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1UJ
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1UJ		1UJ		1UJ		1U		1U
Bromomethane	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ		1R
Carbon Tetrachloride	ug/L		1UJ		1U		1U		1U		1U		1UJ

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-112B		2-113B		2-114B		2-115B		2-122A	
	Sample Number	GW0524		GW0739		GW0741		GW0745		GW0656		GW0885	
	Sample Date	26-AUG-99		17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1UJ		1UJ		1UJ		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1UJ		1UJ		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1U		1U		2.3=
Chloromethane	ug/L		1U		1U		1U		1U		1UJ		1U
cis-1,2-Dichloroethene	ug/L		1U		1UJ		1UJ		1UJ		1U		4.3J
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1UJ		1UJ		1UJ		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U		5.7J
Ethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1UJ		1UJ		1UJ		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U		1UJ
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		16=		1U		0.7J		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
Trichloroethene	ug/L		1U		5.7=		0.5J		8.5=		14=		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-123A		2-124A		2-124A		2-125A		2-125A		2-126A	
	Sample Number	GW0866		GW0016		GW0840		GW0042		GW1093		GW0017	
	Sample Date	01-OCT-99		02-JUL-99		28-SEP-99		07-JUL-99		27-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1UJ		1UJ		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1UJ		1U		1U		2.5=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1UJ		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5UJ		5R		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1UJ		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1R		1U		1R		1U		1U		1U
Carbon Tetrachloride	ug/L		1UJ		1U		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-123A		2-124A		2-124A		2-125A		2-125A		2-126A	
	Sample Number	GW0866		GW0016		GW0840		GW0042		GW1093		GW0017	
	Sample Date	01-OCT-99		02-JUL-99		28-SEP-99		07-JUL-99		27-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U		1U		3.2=
Chloroethane	ug/L		1U		1U		1UJ		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U		1U
Chloromethane	ug/L		1UJ		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U		5.7=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1UJ		1U		1UJ		1UJ		1.1=		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1UJ		1UJ		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
Trichloroethene	ug/L		1U		0.6J		1U		1U		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1UJ		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126A		2-127A		2-128A		2-128A		2-129A		2-129A	
	Sample Number	GW1007		GW1032		GW0031		GW1096		GW0032		GW1048	
	Sample Date	15-OCT-99		18-OCT-99		06-JUL-99		27-OCT-99		06-JUL-99		20-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1.3=		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		3=		2=		24=		30=		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5U		1J		5U		0.6J		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	2-126A	2-127A	2-128A	2-128A	2-129A	2-129A
		Sample Number	GW1007	GW1032	GW0031	GW1096	GW0032	GW1048
		Sample Date	15-OCT-99	18-OCT-99	06-JUL-99	27-OCT-99	06-JUL-99	20-OCT-99
		Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
1,1,1,2-Tetrachloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L		1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/L		3.1=	31=	1.4=	1.2=	1U	1U
Chloroethane	ug/L		1U	1U	1U	1U	1U	1U
Chloroform	ug/L		1U	1U	1U	1U	1U	1U
Chloromethane	ug/L		1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L		5.8=	130=	17=	15=	1U	1U
cis-1,2-Dichloroethylene	ug/L		NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L		1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L		1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L		1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L		1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L		1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L		1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L		1U	1U	1U	1U	1U	1U
n-Butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Naphthalene	ug/L		1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Styrene	ug/L		1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L		NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L		1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L		NA	NA	NA	NA	NA	NA
Toluene	ug/L		1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L		1U	1.6=	1U	1U	1U	1U
Trichloroethene	ug/L		1U	25=	220=	100=	15=	11=
Trichloroethylene (TCE)	ug/L		NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L		1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L		1U	10=	1.4=	1.2=	1U	1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130A	2-131A	2-132A	2-132A	2-133A	2-134B
	Sample Number	GW1071	GW1151	GW0033	GW1098	GW1115	GW0847
	Sample Date	25-OCT-99	02-NOV-99	06-JUL-99	27-OCT-99	28-OCT-99	30-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1J	1U	1U	1U	1UJ
1,1-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	ug/L	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	ug/L	1U	1U	1U	1U	1U	1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	0.8J	1U	1U	1U	1U
1,2-Dichloroethane	ug/L	1U	1U	2=	3.1=	1U	1UJ
1,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
2,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1UJ
2-Butanone	ug/L	5R	5U	5U	5U	5U	5R
2-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U
4-Isopropyltoluene	ug/L	1U	1U	1U	1U	1U	1U
Acetone	ug/L	5R	5U	5U	5U	5U	5UJ
Benzene	ug/L	1U	1U	1U	1U	1U	1U
Bromobenzene	ug/L	1U	1U	1U	1U	1U	1U
Bromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Bromodichloromethane	ug/L	1U	1U	1U	1U	1U	1UJ
Bromoform	ug/L	1U	1U	1U	1U	1U	1UJ
Bromomethane	ug/L	1U	1U	1U	1U	1U	1R
Carbon Tetrachloride	ug/L	1U	1U	1U	1U	1U	1UJ

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-130A	2-131A	2-132A	2-132A	2-133A	2-134B
	Sample Number	GW1071	GW1151	GW0033	GW1098	GW1115	GW0847
	Sample Date	25-OCT-99	02-NOV-99	06-JUL-99	27-OCT-99	28-OCT-99	30-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1J	1U	1U	1U	1UJ
Chlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	1U	1U	1U	1UJ
Chloroform	ug/L	1U	1U	1U	1U	1U	2.2U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	190D	14=	17=	1U	1.1=
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	1.1=	1.8=	1U	0.5J
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1U	1U	1U	1J	1U	1UJ
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	18=
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	5.1=	2.4=	2.8=	1U	1U
Trichloroethene	ug/L	1U	70D	990=	950=	1U	1U
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	1U	35=	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135B		2-136B		2-137B		2-138B		2-139B		2-141B	
	Sample Number	GW0851		GW0998		GW1190		GW1249		GW1200		GW0933	
	Sample Date	29-SEP-99		14-OCT-99		05-NOV-99		11-NOV-99		05-NOV-99		07-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	ug/L	3.1=		1U		1U		1U		1U		1U	
1,1-Dichloroethene	ug/L	1UJ		1U		1U		1U		1U		1U	
1,1-Dichloropropene	ug/L	1.9=		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	ug/L	1UJ		1U		1R		1U		1R		1U	
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	ug/L	2.2=		1U		1U		1U		1U		1U	
1,2-Dichloroethane	ug/L	1U		3.6=		1U		1U		1U		1U	
1,2-Dichloropropane	ug/L	1U		1J		1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	ug/L	0.5J		1U		1U		1U		1U		1U	
1,3-Dichloropropane	ug/L	1.5=		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	ug/L	0.5J		1U		1U		1U		1U		1U	
2,2-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
2-Butanone	ug/L	5U		5U		5R		5U		5R		5U	
2-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Isopropyltoluene	ug/L	1U		1U		1U		1U		1U		1U	
Acetone	ug/L	5UJ		1J		5R		5U		5R		5U	
Benzene	ug/L	8.1=		1U		1U		1U		1U		1U	
Bromobenzene	ug/L	1U		1U		1U		1U		1U		1U	
Bromochloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromodichloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromoform	ug/L	1U		1U		1U		1U		1U		1U	
Bromomethane	ug/L	1UJ		1U		1U		1U		1U		1U	
Carbon Tetrachloride	ug/L	1U		21=		1U		1U		1U		1U	

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135B	2-136B	2-137B	2-138B	2-139B	2-141B
	Sample Number	GW0851	GW0998	GW1190	GW1249	GW1200	GW0933
	Sample Date	29-SEP-99	14-OCT-99	05-NOV-99	11-NOV-99	05-NOV-99	07-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	3.1=	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1UJ	1U	1U	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1UJ	1U	1U	1U	1U	1U
Chloroform	ug/L	1U	93=	1U	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1J	110=	1U	1U	1U	1U
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1UJ	0.5J	1U	1U	1U	1U
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	0.7J	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1UJ	1U	1U	1U	1U	1U
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	0.7J	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1UJ	1U	1UJ	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1.6=	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	0.6J	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	3.4=	1U	1U	1U	1U	1U
Trichloroethene	ug/L	1U	120=	1U	1U	1U	1U
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	0.7J	1U	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142B	2-143B	2-144B	2-167B	2-168B	2-19B
	Sample Number	GW0927	GW1175	GW1205	GW0908	GW0909	GW0871
	Sample Date	07-OCT-99	04-NOV-99	08-NOV-99	05-OCT-99	05-OCT-99	01-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1.3=	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1.5=	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	2.6=	1U	1U	1U
1,1-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	ug/L	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	ug/L	1UJ	1U	1U	1UJ	1UJ	1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	1U	1.1=	1U	1U	1U
1,2-Dichloroethane	ug/L	1UJ	0.6J	840=	1UJ	1UJ	1UJ
1,2-Dichloropropane	ug/L	1U	1U	7=	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
1,3-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	0.5J	1U	1U	1U
2,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U
2-Butanone	ug/L	5U	5R	5UJ	5U	5U	5U
2-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U
4-Chlorotoluene	ug/L	1U	1U	1U	1U	1U	1U
4-Isopropyltoluene	ug/L	1U	1U	1U	1U	1U	1U
Acetone	ug/L	5UJ	5R	5R	5UJ	5UJ	5UJ
Benzene	ug/L	1U	1U	0.6J	1U	1U	1U
Bromobenzene	ug/L	1U	1U	1U	1U	1U	1U
Bromochloromethane	ug/L	1U	1U	1U	1U	1U	1UJ
Bromodichloromethane	ug/L	1U	1U	1U	1U	1U	1UJ
Bromoform	ug/L	1U	1U	1U	1U	1U	1U
Bromomethane	ug/L	1UJ	1U	1U	1R	1R	1R
Carbon Tetrachloride	ug/L	1U	17=	1.9=	1U	1U	1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-142B	2-143B	2-144B	2-167B	2-168B	2-19B
	Sample Number	GW0927	GW1175	GW1205	GW0908	GW0909	GW0871
	Sample Date	07-OCT-99	04-NOV-99	08-NOV-99	05-OCT-99	05-OCT-99	01-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1UJ
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1.3=	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1.5=	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	2.6=	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	0.8J	1U	1U	1.2=
Chloroethane	ug/L	1UJ	1U	1U	1UJ	1UJ	1UJ
Chloroform	ug/L	1U	12=	42=	1U	1U	1U
Chloromethane	ug/L	1UJ	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	10=	270=	1U	3.5=	1.4J
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1UJ	1U	1U	1UJ	1UJ	7.6J
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1J	1U	1U	1UJ	1UJ	1UJ
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1UJ	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	2.4=	1U	1U	1J
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	4.7=	1U	1U	1U
Trichloroethene	ug/L	1.9=	460D	640=	1UJ	1UJ	4.2=
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1UJ	24J	1U
Vinyl Chloride	ug/L	1U	1U	37=	1U	1U	1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B		2-214A		2-214A		2-215A		2-21B		2-228	
	Sample Number	GW0874		GW0034		GW1009		GW1147		GW0530		GW0648	
	Sample Date	01-OCT-99		06-JUL-99		15-OCT-99		02-NOV-99		26-AUG-99		09-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	ug/L	1UJ		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethene	ug/L	1U		1U		1U		1U		1UJ		1U	
1,1-Dichloropropene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	ug/L	18=		1U		1U		1U		1UJ		1U	
1,2,3-Trichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	ug/L	69=		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	ug/L	1UJ		1U		1U		1U		1U		1UJ	
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	ug/L	0.6J		0.6J		0.5J		1U		1R		1U	
1,2-Dichloroethane	ug/L	1UJ		2.2=		2.7=		1.1=		1R		1UJ	
1,2-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U		1U		1U		1U		1R		1U	
1,3-Dichlorobenzene	ug/L	2.8=		1U		1U		1U		1U		1U	
1,3-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	ug/L	4.7=		1.3=		1U		1U		1U		1U	
2,2-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
2-Butanone	ug/L	5U		5U		5U		5U		5R		5R	
2-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Isopropyltoluene	ug/L	1U		1U		1U		1U		1U		1U	
Acetone	ug/L	5UJ		5U		5U		5U		5R		5R	
Benzene	ug/L	0.7J		1U		1U		1U		1U		1U	
Bromobenzene	ug/L	1U		1U		1U		1U		1U		1UJ	
Bromochloromethane	ug/L	1UJ		1U		1U		1U		1U		1U	
Bromodichloromethane	ug/L	1UJ		1U		1U		1U		1U		1U	
Bromoform	ug/L	1U		1U		1U		1U		1U		1U	
Bromomethane	ug/L	1R		1U		1U		1U		1UJ		1UJ	
Carbon Tetrachloride	ug/L	1U		1U		1U		1U		1UJ		1U	

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B	2-214A	2-214A	2-215A	2-21B	2-228
	Sample Number	GW0874	GW0034	GW1009	GW1147	GW0530	GW0648
	Sample Date	01-OCT-99	06-JUL-99	15-OCT-99	02-NOV-99	26-AUG-99	09-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1UJ	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1UJ	1U
Chlorobenzene	ug/L	1U	12=	13=	11=	1U	1U
Chloroethane	ug/L	1UJ	1U	1U	1U	1UJ	1U
Chloroform	ug/L	1U	1U	1U	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1UJ
cis-1,2-Dichloroethene	ug/L	540J	38=	40=	30=	1U	1U
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	5.9J	1U	1U	1U	1U	1U
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1.3=	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1UJ	1U	1U	1U	1U	1U
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1.8=	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1.9=	0.8J	0.9J	1U	1U	1U
Trichloroethene	ug/L	13=	19=	16=	15=	1U	20=
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	87=	2.8=	3=	3.8=	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-229		2-230		2-231		2-271B		2-272B		2-273B	
	Sample Number	GW0649		GW0651		GW0652		GW0914		GW0915		GW0910	
	Sample Date	09-SEP-99		09-SEP-99		09-SEP-99		06-OCT-99		06-OCT-99		05-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethene	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloropropene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	ug/L	1UJ		1UJ		1UJ		1UJ		1UJ		1UJ	
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichloroethane	ug/L	1UJ		1U		1UJ		1UJ		2J		1UJ	
1,2-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	ug/L	1U		1U		1U		1U		0.7J		1U	
1,3-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	ug/L	1U		1U		1U		1U		0.7J		1U	
2,2-Dichloropropane	ug/L	1U		1U		1U		1UJ		1UJ		1U	
2-Butanone	ug/L	5R		5R		5R		5U		5U		5U	
2-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Isopropyltoluene	ug/L	1U		1U		1U		1U		1U		1U	
Acetone	ug/L	5R		5R		5R		5UJ		5UJ		5UJ	
Benzene	ug/L	1U		1UJ		1U		1U		1U		1U	
Bromobenzene	ug/L	1UJ		1UJ		1UJ		1U		1U		1U	
Bromochloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromodichloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromoform	ug/L	1U		1U		1U		1U		1U		1U	
Bromomethane	ug/L	1UJ		1UJ		1UJ		1R		1R		1R	
Carbon Tetrachloride	ug/L	1U		1U		1U		1U		1U		1U	

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-229	2-230	2-231	2-271B	2-272B	2-273B
	Sample Number	GW0649	GW0651	GW0652	GW0914	GW0915	GW0910
	Sample Date	09-SEP-99	09-SEP-99	09-SEP-99	06-OCT-99	06-OCT-99	05-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	1U	1UJ	1UJ	1UJ
Chloroform	ug/L	1U	1U	1U	1U	1U	1U
Chloromethane	ug/L	1UJ	1UJ	1UJ	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	68=	1U
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	1U	1UJ	1UJ	1UJ
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1U	1U	1U	1UJ	1UJ	1UJ
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	5.5=	1U
Trichloroethene	ug/L	0.6J	4.1=	5.3=	1UJ	630J	1UJ
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1UJ	1UJ	0.8J
Vinyl Chloride	ug/L	1U	1U	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274B		2-278B		2-279B		2-280B		2-281B		2-282B	
	Sample Number	GW0917		GW1179		GW1355		GW1219		GW1181		GW1254	
	Sample Date	06-OCT-99		04-NOV-99		22-NOV-99		09-NOV-99		04-NOV-99		11-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1.3=		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U		1=		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1UJ		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5R		5U		5R		5R		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5UJ		5R		5U		5R		5R		5U
Benzene	ug/L		1U		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1R		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		5.8=		1U		27=		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	StationID	2-274B	2-278B	2-279B	2-280B	2-281B	2-282B
		Sample Number	GW0917	GW1179	GW1355	GW1219	GW1181	GW1254
		Sample Date	06-OCT-99	04-NOV-99	22-NOV-99	09-NOV-99	04-NOV-99	11-NOV-99
		Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
1,1,1,2-Tetrachloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L		1U	1U	1U	1.3=	1U	1U
1,1-Dichloroethane	ug/L		1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L		1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/L		1U	1U	1U	1U	1U	1U
Chloroethane	ug/L		1UJ	1U	1U	1U	1U	1U
Chloroform	ug/L		1U	4.5=	1U	7.9=	1U	1U
Chloromethane	ug/L		1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L		19=	6.3=	1U	6.3=	3.3=	1U
cis-1,2-Dichloroethylene	ug/L		NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L		1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L		1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L		1UJ	1U	1U	1U	1U	1U
Ethylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L		1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L		1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L		1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L		1UJ	1U	1U	1U	1U	1U
n-Butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Naphthalene	ug/L		1U	1UJ	1U	1U	1UJ	1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Styrene	ug/L		1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L		NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L		1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L		1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L		NA	NA	NA	NA	NA	NA
Toluene	ug/L		1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L		0.9J	1U	1U	1U	1U	1U
Trichloroethene	ug/L		26J	260=	1U	890=	23=	1U
Trichloroethylene (TCE)	ug/L		NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L		1UJ	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L		1U	1U	1U	1U	1U	1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-285B		2-287B		2-288B		2-290B		2-290B		2-291B	
	Sample Number	GW1427		GW1158		GW1159		GW0018		GW1034		GW0019	
	Sample Date	30-NOV-99		03-NOV-99		03-NOV-99		02-JUL-99		18-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,1-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1,2-Trichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethane	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloroethene	ug/L	1U		1U		1U		1U		1U		1U	
1,1-Dichloropropene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,3-Trichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2,4-Trimethylbenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,2-Dichloroethane	ug/L	2.7=		1U		1U		1U		1U		1U	
1,2-Dichloropropane	ug/L	1.7=		1U		1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U		1U		1U		1U		1U		1U	
1,3-Dichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
1,3-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
1,4-Dichlorobenzene	ug/L	1U		1U		1U		1U		1U		1U	
2,2-Dichloropropane	ug/L	1U		1U		1U		1U		1U		1U	
2-Butanone	ug/L	5U		5U		5U		5U		5U		5U	
2-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Chlorotoluene	ug/L	1U		1U		1U		1U		1U		1U	
4-Isopropyltoluene	ug/L	1U		1U		1U		1U		1U		1U	
Acetone	ug/L	5U		5U		5U		5U		5U		5U	
Benzene	ug/L	1U		1U		1U		1U		1U		1U	
Bromobenzene	ug/L	1U		1U		1U		1U		1U		1U	
Bromochloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromodichloromethane	ug/L	1U		1U		1U		1U		1U		1U	
Bromoform	ug/L	1U		1U		1U		1U		1U		1U	
Bromomethane	ug/L	1U		1U		1U		1U		1U		1U	
Carbon Tetrachloride	ug/L	12=		1U		1U		1U		1U		1U	

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-285B	2-287B	2-288B	2-290B	2-290B	2-291B
	Sample Number	GW1427	GW1158	GW1159	GW0018	GW1034	GW0019
	Sample Date	30-NOV-99	03-NOV-99	03-NOV-99	02-JUL-99	18-OCT-99	02-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	1U	1U	1U	1U
Chloroform	ug/L	110=	1U	1U	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	4.9=	1U	8.3=	1U	1U	1U
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1.5=	1U	1U	1U	1U	1U
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/L	4.4=	1U	1U	1U	1U	1U
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	1U	1U	7.4=	1U	1U	1U

NA=Not Analyzed

TABLE A.33a
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-292B		2-293B		2-293B		2-294B	
	Sample Number	GW1039		GW0020		GW1040		GW0044		GW1101		GW0003	
	Sample Date	19-OCT-99		02-JUL-99		19-OCT-99		07-JUL-99		27-OCT-99		01-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1J
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1U		4.7=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1.8=
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5U		5U		0.9J		5R		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U		1.9=
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B	2-292B	2-292B	2-293B	2-293B	2-294B
	Sample Number	GW1039	GW0020	GW1040	GW0044	GW1101	GW0003
	Sample Date	19-OCT-99	02-JUL-99	19-OCT-99	07-JUL-99	27-OCT-99	01-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	Units						
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/L	1U	1U	1U	1U	1U	17=
Chloroethane	ug/L	1U	1U	1U	1U	1U	1U
Chloroform	ug/L	1U	1U	1U	1U	1U	1U
Chloromethane	ug/L	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	1U	1U	0.8J	0.9J	130=
cis-1,2-Dichloroethylene	ug/L	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U
Dibromomethane	ug/L	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	ug/L	1U	1U	1U	1U	1U	1U
Isopropylbenzene (Cumene)	ug/L	1U	1U	1U	1U	1U	1U
m&p-Xylenes	ug/L	1U	1U	1U	1U	1U	1U
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/L	1J	1U	1U	1UJ	1.1=	1U
n-Butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
n-Propylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Naphthalene	ug/L	1U	1U	1U	1U	1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L	1U	1U	1U	1U	1U	1U
p-Cymene (p-Isopropyltoluene)	ug/L	NA	NA	NA	NA	NA	NA
Sec-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U
t-Butylbenzene	ug/L	NA	NA	NA	NA	NA	NA
tert-butylbenzene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U
Tetrachloroethylene (PCE)	ug/L	NA	NA	NA	NA	NA	NA
Toluene	ug/L	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	1U	0.6J
Trichloroethene	ug/L	1U	58=	61=	1U	1U	4.2=
Trichloroethylene (TCE)	ug/L	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ug/L	1U	1U	1U	1U	1U	1U
Vinyl Chloride	ug/L	1U	1U	1U	1U	1U	0.6J

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-294B		2-295B		2-295B		2-296B		2-296B		2-297B	
	Sample Number	GW1010		GW0004		GW1011		GW0005		GW1013		GW0035	
	Sample Date	15-OCT-99		01-JUL-99		15-OCT-99		01-JUL-99		15-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		0.7J		1=		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1.1=		2.8=		2.9=		3.6=		3.4=		1U
1,2-Dichloroethane	ug/L		6.5=		7.7=		9=		4.3=		4.6=		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		NA		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		4.7=		5=		5.4=		5.4=		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		0.6J		5U		1.2J		5U		1.2J		5U
Benzene	ug/L		2.5=		3.4=		3.6=		1.9=		2=		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-294B		2-295B		2-295B		2-296B		2-296B		2-297B	
	Sample Number	GW1010		GW0004		GW1011		GW0005		GW1013		GW0035	
	Sample Date	15-OCT-99		01-JUL-99		15-OCT-99		01-JUL-99		15-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	Units												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		0.7J		1=		1U
Chlorobenzene	ug/L		21=		76=		76=		76=		80=		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		180=		330=		350=		640=		650=		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		0.9J		2=		2.3=		3.3=		3.9=		1U
Trichloroethene	ug/L		5=		21=		22=		21=		29=		0.7J
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		0.8J		1.8=		2=		6.4=		8.5=		1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B		2-299B		2-300B		2-301B	
	Sample Number	GW1075		GW1102		GW0021		GW1035		GW0966		GW0533	
	Sample Date	25-OCT-99		27-OCT-99		02-JUL-99		18-OCT-99		12-OCT-99		26-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1UJ
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U		5U		5R
Benzene	ug/L		1U		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1J		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B	2-299B		2-300B		2-301B	
	Sample Number	GW1075		GW1102		GW0021	GW1035		GW0966		GW0533	
	Sample Date	25-OCT-99		27-OCT-99		02-JUL-99	18-OCT-99		12-OCT-99		26-AUG-99	
	Aquifer Zone	USZ		USZ		USZ	USZ		USZ		USZ	
Parameter	Units											
1,1,1,2-Tetrachloroethane	ug/L		1U		1U	1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U	1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U	1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U	1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U	1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U	1U		1U		1U		1UJ
Chlorobenzene	ug/L		1U		1U	1U		1U		1U		1U
Chloroethane	ug/L		1U		1U	1U		1U		1U		1U
Chloroform	ug/L		1U		1U	1U		1U		1U		1U
Chloromethane	ug/L		1U		1U	1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U	1U		1U		1U		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA	NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U	1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U	1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U	1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U	1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U	1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U	1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U	1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA	NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1=	1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U	1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U	1U		1U		1U		1U
Naphthalene	ug/L		1U		1U	1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U	1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA	NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U	1U		1U		1U		1U
Styrene	ug/L		1U		1U	1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA	NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U	1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U	1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA	NA		NA		NA		NA
Toluene	ug/L		1U		1U	1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U	1U		1U		1U		1U
Trichloroethene	ug/L		1U		1.4=	220=		300=		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA	NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U	1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U	1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-302B		2-304B		2-304B		2-310B		2-311B	
	Sample Number	GW0742		GW0022		GW1089		GW1002		GW1003	
	Sample Date	17-SEP-99		02-JUL-99		26-OCT-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5U		5U		1J
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1UJ		1U		1U		1U		1U
Bromomethane	ug/L		1UJ		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-302B		2-304B		2-304B		2-310B		2-311B	
	Sample Number	GW0742		GW0022		GW1089		GW1002		GW1003	
	Sample Date	17-SEP-99		02-JUL-99		26-OCT-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1UJ		1U		1U		1U		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1UJ		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		13=		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U
Trichloroethene	ug/L		320=		1U		1U		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B		2-328B		2-329B		2-333B		
	Sample Number	GW1357		GW1256		GW1223		GW0006		
	Sample Date	22-NOV-99		11-NOV-99		09-NOV-99		01-JUL-99		
	Aquifer Zone	USZ		USZ		USZ		USZ		
Parameter	**Units**									
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U	1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U	1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U	1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U	1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U	1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U	1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U	1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U	1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U	1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U	1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U	1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U	1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U	1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		0.9J	0.6J
1,2-Dichloroethane	ug/L		1U		1U		1U		5.1=	5.8=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U	1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U	1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U	1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1.2=	1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U	1U
2-Butanone	ug/L		5U		5U		5R		5U	5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U	1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U	1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U	1U
Acetone	ug/L		5U		5U		5R		5U	1.2J
Benzene	ug/L		1U		1U		1U		2.6=	2.1=
Bromobenzene	ug/L		1U		1U		1U		1U	1U
Bromochloromethane	ug/L		1U		1U		1U		1U	1U
Bromodichloromethane	ug/L		1U		1U		1U		1U	1U
Bromoform	ug/L		1U		1U		1U		1U	1U
Bromomethane	ug/L		1U		1U		1U		1U	1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U	1U

TABLE A.33a

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-325B		2-328B		2-329B		2-333B	
	Sample Number	GW1357		GW1256		GW1223		GW0006	
	Sample Date	22-NOV-99		11-NOV-99		09-NOV-99		01-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		16=		14=
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1.1=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1=		49=		1U		150=		150=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		0.8J		1U		1U		1U
Trichloroethene	ug/L		15=		95=		0.5J		3.1=		3=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-334B		2-334B		2-335B		2-335B	
	Sample Number	GW0007		GW0968		GW0008		GW1014	
	Sample Date	01-JUL-99		12-OCT-99		01-JUL-99		15-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-334B		2-334B		2-335B		2-335B	
	Sample Number	GW0007		GW0968		GW0008		GW1014	
	Sample Date	01-JUL-99		12-OCT-99		01-JUL-99		15-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Chlorobenzene	ug/L	1U		1U		1U		1U	
Chloroethane	ug/L	1U		1U		1U		1U	
Chloroform	ug/L	1U		1U		1U		1U	
Chloromethane	ug/L	1U		1U		1U		1U	
cis-1,2-Dichloroethene	ug/L	1U		1U		1U		1.1=	
cis-1,2-Dichloroethylene	ug/L	NA		NA		NA		NA	
Dibromochloromethane	ug/L	1U		1U		1U		1U	
Dibromomethane	ug/L	1U		1U		1U		1U	
Dichlorodifluoromethane	ug/L	1U		1U		1U		1U	
Ethylbenzene	ug/L	1U		1U		1U		1U	
Hexachlorobutadiene	ug/L	1U		1U		1U		1U	
Isopropylbenzene (Cumene)	ug/L	1U		1U		1U		1U	
m&p-Xylenes	ug/L	1U		1U		1U		1U	
Methyl Ethyl Ketone (2-Butanone)	ug/L	NA		NA		NA		NA	
Methylene Chloride	ug/L	1U		1U		1U		1U	
n-Butylbenzene	ug/L	1U		1U		1U		1U	
n-Propylbenzene	ug/L	1U		1U		1U		1U	
Naphthalene	ug/L	1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	ug/L	1U		1U		1U		1U	
p-Cymene (p-Isopropyltoluene)	ug/L	NA		NA		NA		NA	
Sec-butylbenzene	ug/L	1U		1U		1U		1U	
Styrene	ug/L	1U		1U		1U		1U	
t-Butylbenzene	ug/L	NA		NA		NA		NA	
tert-butylbenzene	ug/L	1U		1U		1U		1U	
Tetrachloroethene	ug/L	1U		1U		1U		1U	
Tetrachloroethylene (PCE)	ug/L	NA		NA		NA		NA	
Toluene	ug/L	1U		1U		1U		1U	
trans-1,2-Dichloroethene	ug/L	1U		1U		1U		1U	
Trichloroethene	ug/L	1U		1U		1U		1U	
Trichloroethylene (TCE)	ug/L	NA		NA		NA		NA	
Trichlorofluoromethane	ug/L	1U		1U		1U		1U	
Vinyl Chloride	ug/L	1U		1U		1U		1U	

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B		2-348B	
	Sample Number	GW1183		GW1184		GW1358		GW1360		GW1185	
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1.6=
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		2.4=
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5U		5U		5R
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		38=

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B		2-348B	
	Sample Number	GW1183		GW1184		GW1358		GW1360		GW1185	
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		13=
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		30=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1UJ		1U		1U		1UJ
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1.1=
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1.4=
Trichloroethene	ug/L		1U		1U		1U		1U		940=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349B		2-350B		2-351B		2-352B		2-355B	
	Sample Number	GW1225		GW1258		GW1261		GW1361		GW0788	
	Sample Date	09-NOV-99		11-NOV-99		11-NOV-99		22-NOV-99		22-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5U		5U		5R
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349B		2-350B		2-351B		2-352B		2-355B	
	Sample Number	GW1225		GW1258		GW1261		GW1361		GW0788	
	Sample Date	09-NOV-99		11-NOV-99		11-NOV-99		22-NOV-99		22-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1UJ
Chloroform	ug/L		2.2U		1.4=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		7.3=		1U		1U		27=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		0.7J
Trichloroethene	ug/L		2.8=		56=		1U		1U		140J
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-356B		2-358B		2-359B		2-392B		2-393B	
	Sample Number	GW0789		GW0749		GW0750		GW0918		GW0919	
	Sample Date	22-SEP-99		17-SEP-99		17-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1UJ		1.2J		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ		1U
2-Butanone	ug/L		5U		5R		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5R		5UJ		5UJ
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1UJ		1UJ		1U		1U
Bromomethane	ug/L		1R		1UJ		1UJ		1R		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-356B		2-358B		2-359B		2-392B		2-393B	
	Sample Number	GW0789		GW0749		GW0750		GW0918		GW0919	
	Sample Date	22-SEP-99		17-SEP-99		17-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1UJ		1UJ
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		5.9=		1U		4.2=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1UJ		1UJ		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1UJ		1U		1U		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1UJ		1UJ		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		120=		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		0.9J		1U		1U
Trichloroethene	ug/L		1UJ		1.5=		1U		0.9J		19J
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1UJ		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-394B		2-395B		2-396B		2-397B		2-398B	
	Sample Number	GW1207		GW1434		GW1209		GW0937		GW0895	
	Sample Date	08-NOV-99		30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		5.1=		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		7=		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		39=		18=		5.8=		1U		1UJ
1,2-Dichloropropane	ug/L		1.1=		1U		2.8=		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5UJ		5U		5UJ		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5R		5U		5UJ
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		0.7J		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-394B		2-395B		2-396B		2-397B		2-398B	
	Sample Number	GW1207		GW1434		GW1209		GW0937		GW0895	
	Sample Date	08-NOV-99		30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1UJ
Chloroform	ug/L		7.3=		1.8=		1.5=		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		13=		1U		7.3=		1U		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		0.7J		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		0.9J		1U		14=		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U
Trichloroethene	ug/L		41=		1U		3.5=		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B		2-405B		2-406B		2-409B		2-410B	
	Sample Number	GW1212		GW0923		GW0924		GW1214		GW1079	
	Sample Date	08-NOV-99		07-OCT-99		07-OCT-99		08-NOV-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1.5=		1U		1U		2.5=		1U
1,1-Dichloroethene	ug/L		4.4=		1U		1U		1.6=		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1UJ		1U		630=		1U
1,2-Dichloropropane	ug/L		0.7J		1U		1U		6.4=		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5UJ		5U		5U		5R		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5UJ		5U		5R		5R
Benzene	ug/L		1U		1U		1U		0.6J		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1UJ		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		9.2=		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B		2-405B		2-406B		2-409B		2-410B	
	Sample Number	GW1212		GW0923		GW0924		GW1214		GW1079	
	Sample Date	08-NOV-99		07-OCT-99		07-OCT-99		08-NOV-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1U		1UJ		1U		1U		1U
Chloroform	ug/L		2=		1U		1U		11=		1U
Chloromethane	ug/L		1U		1UJ		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		3.1=		1U		1U		140=		0.8J
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1UJ		1J		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1UJ		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		16=		1U		2.1=		0.5J		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		3.1=		1U
Trichloroethene	ug/L		4.4=		1U		1U		110=		4.3=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		15=		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-418B		2-62B		2-63B		2-64B		2-65B	
	Sample Number	GW1081		GW0900		GW0902		GW0905		GW0907	
	Sample Date	26-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		6=		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1.2=		1U		1U		0.7J
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1UJ		1UJ		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		34=		1U		1U		10=
1,2-Dichloroethane	ug/L		0.7J		36J		1UJ		1UJ		10J
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		12=		1U		0.5J		0.7J
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		25=		1U		0.5J		4.5=
2,2-Dichloropropane	ug/L		1U		1U		1UJ		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5UJ		5UJ		5UJ		5UJ
Benzene	ug/L		1U		4.3=		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1R		1R		1R		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-418B		2-62B		2-63B		2-64B		2-65B	
	Sample Number	GW1081		GW0900		GW0902		GW0905		GW0907	
	Sample Date	26-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		22=		1U		1U		22=
Chloroethane	ug/L		1U		1UJ		1UJ		1UJ		1UJ
Chloroform	ug/L		1U		5.7=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		930=		4.8=		96=		65=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1UJ		1UJ		1UJ		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1UJ		1UJ		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		4.8=		1U		1U		68=
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		55=		1U		9.6=		4.2=
Trichloroethene	ug/L		7=		6900J		2.5J		370J		100J
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1UJ		1UJ		18J		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1U		1.6=

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B		2-67A		2-67B		2-68A		2-68B	
	Sample Number	GW0862		GW0853		GW0854		GW0855		GW0856	
	Sample Date	30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1UJ		2J		1UJ		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		10=		6.1=		1U		1U
1,1-Dichloroethene	ug/L		1UJ		7.3J		1UJ		2.8J		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1U		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1UJ		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1.6=		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		58J		3.4J		2.2J		1UJ
1,2-Dichloropropane	ug/L		1U		1U		8.5=		2=		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
2-Butanone	ug/L		5R		5R		5R		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5UJ		5UJ		5UJ
Benzene	ug/L		1U		71=		0.5J		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
Bromoform	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
Bromomethane	ug/L		1R		1R		1R		1R		1R
Carbon Tetrachloride	ug/L		1UJ		1UJ		1.2J		450J		1UJ

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B		2-67A		2-67B		2-68A		2-68B	
	Sample Number	GW0862		GW0853		GW0854		GW0855		GW0856	
	Sample Date	30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
Chloroform	ug/L		1.3U		1U		5=		890=		3.5U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		77J		12=		1.4=		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1UJ		3.3J		1UJ		1UJ
Ethylbenzene	ug/L		1U		7.4=		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		8.5=		1U		1U		1U
m&p-Xylenes	ug/L		1U		1.5=		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1UJ		1UJ		1UJ		1UJ		1UJ
n-Butylbenzene	ug/L		1U		0.7J		1U		1U		1U
n-Propylbenzene	ug/L		1U		8.1=		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1.1=		1U		1U		1U
Tetrachloroethene	ug/L		1U		7=		66=		15=		2.9=
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1.5=		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		0.9J		1U		1U		1U
Trichloroethene	ug/L		1U		13=		5.6=		39=		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		25=		1.8=		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	Sample Number	GW0972		GW0941		GW1415		GW1420		GW0948	
	Sample Date	13-OCT-99		11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	Sample Number	GW0972		GW0941		GW1415		GW1420		GW0948	
	Sample Date	13-OCT-99		11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		2.3=		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1.1=		1U		1U		1U		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1.2=		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR		46AR		47AR	
	Sample Number	GW0038		GW1066		GW0040		GW1106		GW0041	
	Sample Date	07-JUL-99		25-OCT-99		07-JUL-99		28-OCT-99		07-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		2.5=		3.3=		1U		1U		1U
1,2-Dichloroethane	ug/L		11=		19=		0.6J		1.5=		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		3.9=		5.4=		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5R		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5R		1.7J		5R
Benzene	ug/L		1.1=		1.7=		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR		46AR		47AR	
	Sample Number	GW0038		GW1066		GW0040		GW1106		GW0041	
	Sample Date	07-JUL-99		25-OCT-99		07-JUL-99		28-OCT-99		07-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		35=		50=		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		270=		260=		4.5=		6.2=		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1UJ		1U		1UJ		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1U		1U		1U		1UJ
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1J		1.7=		1U		1U		1U
Trichloroethene	ug/L		15=		21=		1U		1U		1U
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR		4AR		58BR		59B		5AR	
	Sample Number	GW1111		GW0975		GW0747		GW1045		GW0955	
	Sample Date	28-OCT-99		13-OCT-99		17-SEP-99		20-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		2.5=		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1UJ		0.7J		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		3.5=		1U		1U
1,2-Dichloroethane	ug/L		1U		0.6J		1.6J		1U		60=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		3.9=		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5R		0.9J		5U
Benzene	ug/L		1U		1U		5.9=		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1UJ		1U		1U
Bromomethane	ug/L		1U		1U		1UJ		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR		4AR		58BR	59B		5AR	
	Sample Number	GW1111		GW0975		GW0747	GW1045		GW0955	
	Sample Date	28-OCT-99		13-OCT-99		17-SEP-99	20-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ	USZ		USZ	
Parameter	**Units**									
Chlorobenzene	ug/L		1U		1U	1.4=		1U		1U
Chloroethane	ug/L		1U		1U	1UJ		1U		1U
Chloroform	ug/L		1U		1U	1U		1.1=		1U
Chloromethane	ug/L		1U		1U	1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U	5.7=		390=		26=
cis-1,2-Dichloroethylene	ug/L		NA		NA	NA		NA		NA
Dibromochloromethane	ug/L		1U		1U	1U		1U		1U
Dibromomethane	ug/L		1U		1U	1UJ		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U	1U		1U		1U
Ethylbenzene	ug/L		1U		1U	1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U	1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U	0.6J		1U		1U
m&p-Xylenes	ug/L		1U		1U	1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA	NA		NA		NA
Methylene Chloride	ug/L		1U		1U	1U		1U		1U
n-Butylbenzene	ug/L		1U		1U	1U		1U		1U
n-Propylbenzene	ug/L		1U		1U	0.5J		1U		1U
Naphthalene	ug/L		1U		1U	1UJ		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U	1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA	NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U	1U		1U		1U
Styrene	ug/L		1U		1U	1U		1U		1U
t-Butylbenzene	ug/L		NA		NA	NA		NA		NA
tert-butylbenzene	ug/L		1U		1U	1U		1U		1U
Tetrachloroethene	ug/L		1U		1U	1U		1.5=		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA	NA		NA		NA
Toluene	ug/L		1U		1U	1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U	0.9J		1.7=		4.3=
Trichloroethene	ug/L		1U		1U	1U		3800=		2.8=
Trichloroethylene (TCE)	ug/L		NA		NA	NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U	1U		1U		1U
Vinyl Chloride	ug/L		1U		1U	2.4=		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	5C		6		61A		62		75B	
	Sample Number	GW0958		GW0807		GW0875		GW0877		GW0014	
	Sample Date	12-OCT-99		24-SEP-99		01-OCT-99		01-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1UJ		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1UJ		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1UJ		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1UJ		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1UJ		0.9J
1,1-Dichloropropene	ug/L		1U		1U		1U		1UJ		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1UJ		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1UJ		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1UJ		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1UJ		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1UJ		1UJ		1UJ		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1UJ		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1UJ		0.5J
1,2-Dichloroethane	ug/L		17=		1UJ		1UJ		1UJ		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1UJ		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1UJ		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1UJ		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1UJ		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1UJ		2.2=
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ		1U
2-Butanone	ug/L		5U		5U		5U		5UJ		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1UJ		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1UJ		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1UJ		1U
Acetone	ug/L		5U		5UJ		5UJ		5UJ		5U
Benzene	ug/L		1U		1U		1U		1UJ		1U
Bromobenzene	ug/L		1U		1U		1U		1UJ		1U
Bromochloromethane	ug/L		1U		1U		1U		1UJ		1U
Bromodichloromethane	ug/L		1U		1U		1U		1UJ		1U
Bromoform	ug/L		1U		1U		1U		1UJ		1U
Bromomethane	ug/L		1U		1R		1R		1R		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5C		6		61A		62		75B	
	Sample Number	GW0958		GW0807		GW0875		GW0877		GW0014	
	Sample Date	12-OCT-99		24-SEP-99		01-OCT-99		01-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		0.9J		1U		1U		1UJ		3.5=
Chloroethane	ug/L		1U		1UJ		1UJ		1UJ		1U
Chloroform	ug/L		1U		1U		1U		1UJ		1U
Chloromethane	ug/L		1U		1U		1U		1UJ		1U
cis-1,2-Dichloroethene	ug/L		15=		440=		1U		8.5J		31=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1UJ		1U
Dibromomethane	ug/L		1U		1U		1U		1UJ		1U
Dichlorodifluoromethane	ug/L		1U		3=		1UJ		1UJ		1U
Ethylbenzene	ug/L		1U		1U		1U		1UJ		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1UJ		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1UJ		1U
m&p-Xylenes	ug/L		1U		1U		1U		1UJ		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1UJ		1UJ		1UJ		1U
n-Butylbenzene	ug/L		1U		1U		1U		1UJ		1U
n-Propylbenzene	ug/L		1U		1U		1U		1UJ		1U
Naphthalene	ug/L		1U		1U		1U		1UJ		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1UJ		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1UJ		1U
Styrene	ug/L		1U		1U		1U		1UJ		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1UJ		1U
Tetrachloroethene	ug/L		1U		1U		1U		96=		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1UJ		1U
trans-1,2-Dichloroethene	ug/L		1.6=		6=		1U		1UJ		0.7J
Trichloroethene	ug/L		1.6=		25=		1.1=		4.9J		170=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1UJ		1UJ		1UJ		1U
Vinyl Chloride	ug/L		1U		36=		1U		2.2UJ		2.2=

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B		76A		76A		77A		78A	
	Sample Number	GW1084		GW0046		GW0978		GW0943		GW0959	
	Sample Date	26-OCT-99		07-JUL-99		13-OCT-99		11-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1.3=		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		0.6J		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		4.9=		4.4=		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5R		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5U		5R		1J		5U		5U
Benzene	ug/L		0.7J		0.9J		0.7J		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B		76A		76A		77A		78A	
	Sample Number	GW1084		GW0046		GW0978		GW0943		GW0959	
	Sample Date	26-OCT-99		07-JUL-99		13-OCT-99		11-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		7=		10=		7.8=		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		0.5J
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		89=		16=		11=		1U		1.2=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1UJ		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		0.9J		1U		1U		1U		1U
Trichloroethene	ug/L		150=		1U		1U		1U		42=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		3.3=		11=		7.2=		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		79BR		83BR		83BR		84B	
	Sample Number	GW0029		GW1056		GW0015		GW1086		GW0030	
	Sample Date	06-JUL-99		21-OCT-99		02-JUL-99		26-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		5.4=		12=		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		0.9J		1.1=		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		16=		31=		1U		1U		1U
1,2-Dichloroethane	ug/L		29=		92=		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		2.9=		6.6=		2.3=		1.7=		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U		1U
Acetone	ug/L		5U		0.6J		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		79BR		83BR		83BR		84B	
	Sample Number	GW0029		GW1056		GW0015		GW1086		GW0030	
	Sample Date	06-JUL-99		21-OCT-99		02-JUL-99		26-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		2.3=		1.4=		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		0.8J		1.7=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		49=		100=		5.8=		9.4=		16=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		4.2=		9.7=		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		NA		NA
tert-butylbenzene	ug/L		1U		1U		1U		1U		1U
Tetrachloroethene	ug/L		2.1=		3.5=		1U		1U		3.5=
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		4.3=		7.2=		1U		1U		1U
Trichloroethene	ug/L		7200=		11400=		230=		520=		1600=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1.8=		1.7=		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B		9A		EX-A01	
	Sample Number	GW1060		GW0891		GW0963		GW0994		GW1122	
	Sample Date	21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane	ug/L	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	ug/L	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	ug/L	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	ug/L	1	U	1	U	1	U	1	U	1	U
1,1-Dichloropropene	ug/L	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	ug/L	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	ug/L	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	ug/L	1	U	1	UJ	1	U	1	U	1	U
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/L	1	U	1	UJ	2.4	=	1	U	1	U
1,2-Dichloropropane	ug/L	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	ug/L	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
2,2-Dichloropropane	ug/L	1	U	1	U	1	U	1	U	1	U
2-Butanone	ug/L	5	U	5	U	5	U	5	U	5	U
2-Chlorotoluene	ug/L	1	U	1	U	1	U	1	U	1	U
4-Chlorotoluene	ug/L	1	U	1	U	1	U	1	U	1	U
4-Isopropyltoluene	ug/L	1	U	1	U	1	U	1	U	1	U
Acetone	ug/L	1.3	J	5	UJ	0.7	J	5	U	5	U
Benzene	ug/L	1	U	1	U	1	U	1	U	1	U
Bromobenzene	ug/L	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	ug/L	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	ug/L	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	1	U	1	U	1	U	1	U	1	U
Bromomethane	ug/L	1	U	1	R	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	1	U	1	U	1	U	1	U	1	U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B	9A		EX-A01	
	Sample Number	GW1060		GW0891		GW0963	GW0994		GW1122	
	Sample Date	21-OCT-99		04-OCT-99		12-OCT-99	14-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ	USZ		USZ	
Parameter	**Units**									
Chlorobenzene	ug/L		1U		1U	5.3=		1U		1U
Chloroethane	ug/L		1U		1UJ	1U		1U		1U
Chloroform	ug/L		1U		1U	1U		1U		1U
Chloromethane	ug/L		1U		1U	1U		1U		1U
cis-1,2-Dichloroethene	ug/L		11=		3.1=	9.5=		0.6J		1.6=
cis-1,2-Dichloroethylene	ug/L		NA		NA	NA		NA		NA
Dibromochloromethane	ug/L		1U		1U	1U		1U		1U
Dibromomethane	ug/L		1U		1U	1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		0.7J	1U		1U		1U
Ethylbenzene	ug/L		1U		1U	1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U	1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U	1U		1U		1U
m&p-Xylenes	ug/L		1U		1U	1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA	NA		NA		NA
Methylene Chloride	ug/L		1U		1UJ	1U		1U		1.5=
n-Butylbenzene	ug/L		1U		1U	1U		1U		1U
n-Propylbenzene	ug/L		1U		1U	1U		1U		1U
Naphthalene	ug/L		1U		1U	1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U	1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA	NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U	1U		1U		1U
Styrene	ug/L		1U		1U	1U		1U		1U
t-Butylbenzene	ug/L		NA		NA	NA		NA		NA
tert-butylbenzene	ug/L		1U		1U	1U		1U		1U
Tetrachloroethene	ug/L		2.1=		13=	1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA	NA		NA		NA
Toluene	ug/L		1U		1U	1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U	4=		1U		1U
Trichloroethene	ug/L		830=		140=	1U		0.6J		17=
Trichloroethylene (TCE)	ug/L		NA		NA	NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1UJ	1U		1U		1U
Vinyl Chloride	ug/L		1U		1U	0.7J		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A02		EX-A02		EX-A05		EX-A05		EX-A06	
	Sample Number	GW0297		GW1123		GW0287		GW1125		GW1126	
	Sample Date	02-AUG-99		29-OCT-99		30-JUL-99		29-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		39=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		NA		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		NA		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U		0.5J
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A02		EX-A02		EX-A05		EX-A05		EX-A06	
	Sample Number	GW0297		GW1123		GW0287		GW1125		GW1126	
	Sample Date	02-AUG-99		29-OCT-99		30-JUL-99		29-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1.6=
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		NA		1U		1U		0.5J		51=
cis-1,2-Dichloroethylene	ug/L		1U		NA		NA		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		5U		NA		NA		NA		NA
Methylene Chloride	ug/L		1U		1.6=		1U		1.5=		1.5=
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		1U		NA		NA		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		1U		NA		NA		NA		NA
tert-butylbenzene	ug/L		NA		1U		1U		1U		1U
Tetrachloroethene	ug/L		NA		1U		1U		1U		1U
Tetrachloroethylene (PCE)	ug/L		1U		NA		NA		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		1U
Trichloroethene	ug/L		NA		31=		1U		1=		8.1=
Trichloroethylene (TCE)	ug/L		20=		NA		NA		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07		EX-A07		EX-A08		EX-A08		EX-A09	
	Sample Number	GW0298		GW1127		GW0289		GW1134		GW0299	
	Sample Date	02-AUG-99		29-OCT-99		30-JUL-99		01-NOV-99		02-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1.9=		2.3=		4.7=
1,2-Dichloroethane	ug/L		1.6=		0.7J		7.7=		11=		17=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		3.2=		3.8=		7=
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		NA		5U		5U		5U		NA
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		NA		1U		1U		1U		NA
Acetone	ug/L		5U		5U		5U		5U		5U
Benzene	ug/L		1U		1U		2.1=		3=		1.4=
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07		EX-A07		EX-A08		EX-A08		EX-A09	
	Sample Number	GW0298		GW1127		GW0289		GW1134		GW0299	
	Sample Date	02-AUG-99		29-OCT-99		30-JUL-99		01-NOV-99		02-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1.5=		1U		33=		43=		110=
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		NA		26=		170=		230=		NA
cis-1,2-Dichloroethylene	ug/L		38=		NA		NA		NA		430=
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		5U		NA		NA		NA		5U
Methylene Chloride	ug/L		1U		1.6=		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		1U		NA		NA		NA		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		1U		NA		NA		NA		1U
tert-butylbenzene	ug/L		NA		1U		1U		1U		NA
Tetrachloroethene	ug/L		NA		1U		1U		1U		NA
Tetrachloroethylene (PCE)	ug/L		1U		NA		NA		NA		1U
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1.4=		2=		2.6=
Trichloroethene	ug/L		NA		0.8J		21=		24=		NA
Trichloroethylene (TCE)	ug/L		1U		NA		NA		NA		11=
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1.7=		2=		1.5=

NA=Not Analyzed

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09		EX-A10		EX-A10		EX-A12	
	Sample Number	GW1135		GW0290		GW1136		GW0300	
	Sample Date	01-NOV-99		30-JUL-99		01-NOV-99		02-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		0.6J		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		4.9=		1U		0.7J		1U
1,2-Dichloroethane	ug/L		17=		0.9J		1.6=		7.4=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		7.8=		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		NA
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		NA
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1.5=		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09		EX-A10		EX-A10		EX-A12	
	Sample Number	GW1135		GW0290		GW1136		GW0300	
	Sample Date	01-NOV-99		30-JUL-99		01-NOV-99		02-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Chlorobenzene	ug/L		95=		2.9=		5.9=		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		420=		32=		65=		NA
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		29=
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		0.6J
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		5U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		1U
tert-butylbenzene	ug/L		1U		1U		1U		NA
Tetrachloroethene	ug/L		1U		1U		1U		NA
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		2.9=		1U		1U		1.1=
Trichloroethene	ug/L		11=		2.1=		3=		NA
Trichloroethylene (TCE)	ug/L		NA		NA		NA		56=
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1.9=		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A12		EX-B01		EX-B01		EX-B02		EX-B02	
	Sample Number	GW1138		GW0285		GW1128		GW0301		GW1130	
	Sample Date	01-NOV-99		30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		7=		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		NA		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		NA		1U
Acetone	ug/L		5U		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A12		EX-B01		EX-B01		EX-B02		EX-B02	
	Sample Number	GW1138		GW0285		GW1128		GW0301		GW1130	
	Sample Date	01-NOV-99		30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		27=		1U		1U		NA		1.2=
cis-1,2-Dichloroethylene	ug/L		NA		NA		NA		0.8J		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		NA		5U		NA
Methylene Chloride	ug/L		1U		1U		1.4=		1U		1.5=
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		NA		1U		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		NA		1U		NA
tert-butylbenzene	ug/L		1U		1U		1U		NA		1U
Tetrachloroethene	ug/L		1U		1U		1U		NA		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		NA		1U		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1=		1U		1U		1U		1U
Trichloroethene	ug/L		56=		37=		32=		NA		68=
Trichloroethylene (TCE)	ug/L		NA		NA		NA		64=		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U		1U

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03		EX-B03		EX-B04		EX-B04		EX-B05	
	Sample Number	GW0286		GW1131		GW0302		GW1132		GW1139	
	Sample Date	30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		0.7J
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		0.6J
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U		71=
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		0.6J		0.7J		0.5J
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		NA		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		NA		1U		1U
Acetone	ug/L		5U		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03		EX-B03		EX-B04		EX-B04		EX-B05	
	Sample Number	GW0286		GW1131		GW0302		GW1132		GW1139	
	Sample Date	30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		1U		1U		1.2=		1U		3.9=
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U		0.6J
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1.4=		2.9=		NA		5.3=		69=
cis-1,2-Dichloroethylene	ug/L		NA		NA		4.4=		NA		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		5U		NA		NA
Methylene Chloride	ug/L		1U		1.4=		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		1U		NA		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		1U		NA		NA
tert-butylbenzene	ug/L		1U		1U		NA		1U		1U
Tetrachloroethene	ug/L		1U		1U		NA		1U		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		1U		NA		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U		0.6J
Trichloroethene	ug/L		43=		60=		NA		59=		640=
Trichloroethylene (TCE)	ug/L		NA		NA		57=		NA		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1.2=		0.6J		1.2=

NA=Not Analyzed

TABLE A.33b
Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B06		EX-B06		EX-B07		EX-B08		EX-B08	
	Sample Number	GW0284		GW1140		GW0291		GW0292		GW1143	
	Sample Date	30-JUL-99		01-NOV-99		02-AUG-99		02-AUG-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		120=		150=		1U		1U		0.7J
1,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		NA		NA		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		NA		NA		1U
Acetone	ug/L		5U		5U		5U		5U		5U
Benzene	ug/L		0.6J		0.6J		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U		1U

TABLE A.33b

Analytical Data Summary Table for VOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B06		EX-B06		EX-B07		EX-B08		EX-B08	
	Sample Number	GW0284		GW1140		GW0291		GW0292		GW1143	
	Sample Date	30-JUL-99		01-NOV-99		02-AUG-99		02-AUG-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Chlorobenzene	ug/L		4.5=		4.9=		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U		1U
Chloroform	ug/L		1U		0.5J		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		85=		96=		NA		NA		1U
cis-1,2-Dichloroethylene	ug/L		NA		NA		1U		1U		NA
Dibromochloromethane	ug/L		1U		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1.9=		3.2=		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U		1U
Methyl Ethyl Ketone (2-Butanone)	ug/L		NA		NA		5U		5U		NA
Methylene Chloride	ug/L		1U		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U		1U
p-Cymene (p-Isopropyltoluene)	ug/L		NA		NA		1U		1U		NA
Sec-butylbenzene	ug/L		1U		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U		1U
t-Butylbenzene	ug/L		NA		NA		1U		1U		NA
tert-butylbenzene	ug/L		1U		1U		NA		NA		1U
Tetrachloroethene	ug/L		1U		1U		NA		NA		1U
Tetrachloroethylene (PCE)	ug/L		NA		NA		1U		1U		NA
Toluene	ug/L		1U		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		2.4=		2.5=		1U		1U		1U
Trichloroethene	ug/L		66=		86=		NA		NA		44=
Trichloroethylene (TCE)	ug/L		NA		NA		1.1=		41=		NA
Trichlorofluoromethane	ug/L		1U		1U		1U		1U		1U
Vinyl Chloride	ug/L		5.8=		4.7=		1U		1U		1U

NA=Not Analyzed

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		10A		11A		11A	
	Sample Number	GW0026		GW1023		GW0012		GW1028	
	Sample Date	06-JUL-99		19-OCT-99		02-JUL-99		18-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		1.1J		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		10A		11A		11A	
	Sample Number	GW0026		GW1023		GW0012		GW1028	
	Sample Date	06-JUL-99		19-OCT-99		02-JUL-99		18-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	13	1-66B	1-66B	1-67B	1-67B
	Sample Number	GW0809	GW0097	GW1608	GW0126	GW1663
	Sample Date	24-SEP-99	12-JUL-99	17-DEC-99	14-JUL-99	22-DEC-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50UJ	50UJ	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20UJ	20UJ	20UJ
3-Nitroaniline	ug/L	50UJ	50UJ	50U	50R	50UJ
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10UJ	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10U	10U	10U	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50UJ	50U	50U	50U	50R
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	13		1-66B		1-66B		1-67B		1-67B	
	Sample Number	GW0809		GW0097		GW1608		GW0126		GW1663	
	Sample Date	24-SEP-99		12-JUL-99		17-DEC-99		14-JUL-99		22-DEC-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10UJ		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10UJ		10U		10UJ		10UJ		10U
Benzo(k)fluoranthene	ug/L		10UJ		10U		10UJ		10U		10U
Benzoic Acid	ug/L		50U		50UJ		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10UJ		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		3.8J		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10UJ		10U		10UJ		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10UJ		10UJ		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1AR	2-106B	2-11	2-111B	2-112B
	Sample Number	GW0991	GW0521	GW0881	GW0524	GW0739
	Sample Date	14-OCT-99	26-AUG-99	04-OCT-99	26-AUG-99	17-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	Units					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50UJ	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10UJ
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20UJ	20U	20UJ
3-Nitroaniline	ug/L	50U	50UJ	50UJ	50UJ	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50UJ	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10UJ	10U	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	1AR		2-106B		2-11		2-111B		2-112B	
	Sample Number	GW0991		GW0521		GW0881		GW0524		GW0739	
	Sample Date	14-OCT-99		26-AUG-99		04-OCT-99		26-AUG-99		17-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10UJ		10U		10U	
Benzo(g,h,i)perylene	ug/L	10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		10U		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10UJ		10U		10UJ		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10U		10U		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10UJ	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113B	2-114B	2-115B	2-122A	2-123A
	Sample Number	GW0741	GW0745	GW0656	GW0885	GW0866
	Sample Date	17-SEP-99	17-SEP-99	09-SEP-99	04-OCT-99	01-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50UJ	50U	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10UJ	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20UJ	20UJ
3-Nitroaniline	ug/L	50U	50R	50R	50UJ	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50UJ	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10U	10UJ	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50UJ	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-113B		2-114B		2-115B		2-122A		2-123A	
	Sample Number	GW0741		GW0745		GW0656		GW0885		GW0866	
	Sample Date	17-SEP-99		17-SEP-99		09-SEP-99		04-OCT-99		01-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10UJ		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10UJ		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10UJ		10UJ
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10UJ		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10UJ		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124A		2-124A		2-125A		2-125A		2-126A		2-126A	
	Sample Number	GW0016		GW0840		GW0042		GW1093		GW0017		GW1007	
	Sample Date	02-JUL-99		28-SEP-99		07-JUL-99		27-OCT-99		06-JUL-99		15-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50UJ		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50UJ		50UJ		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20UJ		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50UJ		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50UJ		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10UJ		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50UJ		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10UJ		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124A	2-124A	2-125A	2-125A	2-126A	2-126A
	Sample Number	GW0016	GW0840	GW0042	GW1093	GW0017	GW1007
	Sample Date	02-JUL-99	28-SEP-99	07-JUL-99	27-OCT-99	06-JUL-99	15-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10UJ	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10UJ	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10UJ	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10UJ	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10UJ	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10UJ	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10UJ	10UJ	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10UJ	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10UJ	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-127A		2-128A		2-128A		2-129A		2-129A		2-130A	
	Sample Number	GW1032		GW0031		GW1096		GW0032		GW1048		GW1071	
	Sample Date	18-OCT-99		06-JUL-99		27-OCT-99		06-JUL-99		20-OCT-99		25-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		2.5J		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U		20UJ
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-127A		2-128A		2-128A		2-129A		2-129A		2-130A	
	Sample Number	GW1032		GW0031		GW1096		GW0032		GW1048		GW1071	
	Sample Date	18-OCT-99		06-JUL-99		27-OCT-99		06-JUL-99		20-OCT-99		25-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U		50UJ
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131A		2-132A		2-132A	
	Sample Number	GW1151		GW0033		GW1098	
	Sample Date	02-NOV-99		06-JUL-99		27-OCT-99	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U
Anthracene	ug/L		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-131A		2-132A		2-132A	
	Sample Number	GW1151		GW0033		GW1098	
	Sample Date	02-NOV-99		06-JUL-99		27-OCT-99	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
Benzo(a)pyrene	ug/L		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U
Chrysene	ug/L		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U
Fluorene	ug/L		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U
Isophorone	ug/L		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U
Phenol	ug/L		10U		10U		10U
Pyrene	ug/L		10U		10U		10U

NA=Not Analyzed

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133A	2-134B	2-135B	2-136B	2-137B
	Sample Number	GW1115	GW0847	GW0851	GW0998	GW1190
	Sample Date	28-OCT-99	30-SEP-99	29-SEP-99	14-OCT-99	05-NOV-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50UJ	50UJ	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20UJ	20UJ	20U	20U
3-Nitroaniline	ug/L	50U	50R	50R	50U	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50UJ	50UJ	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10UJ	10UJ	10U	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-133A		2-134B		2-135B		2-136B		2-137B	
	Sample Number	GW1115		GW0847		GW0851		GW0998		GW1190	
	Sample Date	28-OCT-99		30-SEP-99		29-SEP-99		14-OCT-99		05-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	ug/L	10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10U		10U		10U		10UJ	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		10U		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10UJ		10UJ		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10UJ		10UJ		10U		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10U		10U		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138B		2-139B		2-141B		2-142B		2-143B	
	Sample Number	GW1249		GW1200		GW0933		GW0927		GW1175	
	Sample Date	11-NOV-99		05-NOV-99		07-OCT-99		07-OCT-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50UJ		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50UJ		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20UJ		20U
3-Nitroaniline	ug/L		50U		50R		50U		50R		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10U		10R		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50UJ		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-138B		2-139B		2-141B		2-142B		2-143B	
	Sample Number	GW1249		GW1200		GW0933		GW0927		GW1175	
	Sample Date	11-NOV-99		05-NOV-99		07-OCT-99		07-OCT-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10UJ		10U		10U		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10UJ		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10UJ		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		2J		10U		10U		1.7J
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10UJ		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10UJ		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-167B		2-168B		2-19B		2-20B	
	Sample Number	GW1205		GW0908		GW0909		GW0871		GW0874	
	Sample Date	08-NOV-99		05-OCT-99		05-OCT-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,2,4-Trichlorobenzene	ug/L	10U		10U		10U		10U		53=	
1,2-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,2-Dinitrobenzene	ug/L	NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/L	10U		10U		10U		10U		1.8J	
1,4-Dichlorobenzene	ug/L	10U		10U		10U		10U		3.5J	
2,4,5-Trichlorophenol	ug/L	50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dimethylphenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dinitrophenol	ug/L	50UJ		50UJ		50UJ		50UJ		50UJ	
2,4-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2-Chloronaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Chlorophenol	ug/L	10U		10U		10U		10U		10U	
2-Methylnaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	ug/L	10U		10U		10U		10U		10U	
2-Nitroaniline	ug/L	50U		50U		50U		50U		50U	
2-Nitrophenol	ug/L	10U		10U		10U		10U		10U	
3+4-Methylphenol	ug/L	10U		10U		10U		10U		10U	
3+4-Methyphenols	ug/L	NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	ug/L	20UJ		20U		20UJ		20UJ		20UJ	
3-Nitroaniline	ug/L	50U		50UJ		50R		50R		50UJ	
4,6-Dinitro-2-methylphenol	ug/L	50UJ		50U		50U		50U		50UJ	
4-Bromophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	ug/L	10U		10U		10U		10U		10U	
4-Chloroaniline	ug/L	10U		10UJ		10UJ		10UJ		10UJ	
4-Chlorophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Nitroaniline	ug/L	50U		50UJ		50U		50U		50U	
4-Nitrophenol	ug/L	50U		50U		50U		50U		50U	
Acenaphthene	ug/L	10U		10U		10U		10U		10U	
Acenaphthylene	ug/L	10U		10U		10U		10U		10U	
Anthracene	ug/L	10U		10U		10U		10U		10U	
Benzo(a)anthracene	ug/L	10U		10U		10U		10U		10U	

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-144B		2-167B		2-168B		2-19B		2-20B	
	Sample Number	GW1205		GW0908		GW0909		GW0871		GW0874	
	Sample Date	08-NOV-99		05-OCT-99		05-OCT-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10U		10U		10UJ	
Benzo(g,h,i)perylene	ug/L	10U		10U		10UJ		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10UJ		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		1.1J		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10U		10U		10U		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10UJ		10UJ		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10UJ		10UJ		10U		10U	

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-214A	2-214A	2-215A	2-21B	2-228	2-229
	Sample Number	GW0034	GW1009	GW1147	GW0530	GW0648	GW0649
	Sample Date	06-JUL-99	15-OCT-99	02-NOV-99	26-AUG-99	09-SEP-99	09-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	1J	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10UJ	10UJ
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50UJ	50UJ
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10UJ	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20UJ	20UJ
3-Nitroaniline	ug/L	50U	50U	50U	50U	50R	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50UJ	50UJ
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U	10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-214A		2-214A		2-215A		2-21B		2-228		2-229	
	Sample Number	GW0034		GW1009		GW1147		GW0530		GW0648		GW0649	
	Sample Date	06-JUL-99		15-OCT-99		02-NOV-99		26-AUG-99		09-SEP-99		09-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	ug/L	10U		10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10UJ		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		10U		10U		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10U		10U		10U		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10U		10U		10U		10U		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10U		10U		10U		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-230		2-231		2-271B		2-272B	
	Sample Number	GW0651		GW0652		GW0914		GW0915	
	Sample Date	09-SEP-99		09-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10UJ		10UJ		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50UJ		50UJ		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20UJ		20UJ		20UJ		20UJ
3-Nitroaniline	ug/L		50R		50R		50UJ		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10UJ		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50UJ		50UJ		50UJ		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10UJ		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-230		2-231		2-271B		2-272B	
	Sample Number	GW0651		GW0652		GW0914		GW0915	
	Sample Date	09-SEP-99		09-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10UJ
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10UJ		10UJ
Butylbenzylphthalate	ug/L		10U		10U		10UJ		10U
Chrysene	ug/L		10U		10U		10UJ		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10UJ		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10UJ		10UJ
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10UJ		10UJ

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-273B		2-274B		2-278B		2-279B		2-280B	
	Sample Number	GW0910		GW0917		GW1179		GW1355		GW1219	
	Sample Date	05-OCT-99		06-OCT-99		04-NOV-99		22-NOV-99		09-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50U		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20UJ		20U		20U		20UJ
3-Nitroaniline	ug/L		50UJ		50R		50R		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10UJ		10UJ		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50UJ		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10UJ		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-273B		2-274B		2-278B		2-279B		2-280B	
	Sample Number	GW0910		GW0917		GW1179		GW1355		GW1219	
	Sample Date	05-OCT-99		06-OCT-99		04-NOV-99		22-NOV-99		09-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10UJ		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10UJ		10U		10U		10U
Chrysene	ug/L		10U		10UJ		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10UJ		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10UJ		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B	
	Sample Number	GW1181		GW1254		GW1427		GW1158		GW1159	
	Sample Date	04-NOV-99		11-NOV-99		30-NOV-99		03-NOV-99		03-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50R		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B		2-288B	
	Sample Number	GW1181		GW1254		GW1427		GW1158		GW1159	
	Sample Date	04-NOV-99		11-NOV-99		30-NOV-99		03-NOV-99		03-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-290B		2-290B		2-291B		2-291B		2-292B	
	Sample Number	GW0018		GW1034		GW0019		GW1039		GW0020	
	Sample Date	02-JUL-99		18-OCT-99		02-JUL-99		19-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,2-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,2-Dinitrobenzene	ug/L	NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
2,4,5-Trichlorophenol	ug/L	50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dimethylphenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dinitrophenol	ug/L	50U		50U		50U		50U		50U	
2,4-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2-Chloronaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Chlorophenol	ug/L	10U		10U		10U		10U		10U	
2-Methylnaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	ug/L	10U		10U		10U		10U		10U	
2-Nitroaniline	ug/L	50U		50U		50U		50U		50U	
2-Nitrophenol	ug/L	10U		10U		10U		10U		10U	
3+4-Methylphenol	ug/L	10U		10U		10U		10U		10U	
3+4-Methyphenols	ug/L	NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	ug/L	20U		20U		20U		20U		20U	
3-Nitroaniline	ug/L	50U		50U		50U		50U		50U	
4,6-Dinitro-2-methylphenol	ug/L	50U		50U		50U		50U		50U	
4-Bromophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	ug/L	10U		10U		10U		10U		10U	
4-Chloroaniline	ug/L	10U		10U		10U		10U		10U	
4-Chlorophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Nitroaniline	ug/L	50U		50U		50U		50U		50U	
4-Nitrophenol	ug/L	50U		50U		50U		50U		50U	
Acenaphthene	ug/L	10U		10U		10U		10U		10U	
Acenaphthylene	ug/L	10U		10U		10U		10U		10U	
Anthracene	ug/L	10U		10U		10U		10U		10U	
Benzo(a)anthracene	ug/L	10U		10U		10U		10U		10U	

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-290B		2-290B		2-291B		2-291B		2-292B	
	Sample Number	GW0018		GW1034		GW0019		GW1039		GW0020	
	Sample Date	02-JUL-99		18-OCT-99		02-JUL-99		19-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	ug/L	10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		10U		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10U		10U		10U		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10U		10U		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-292B	2-293B	2-293B	2-294B	2-294B
	Sample Number	GW1040	GW0044	GW1101	GW0003	GW1010
	Sample Date	19-OCT-99	07-JUL-99	27-OCT-99	01-JUL-99	15-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	1.1J
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	1.4J	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50UJ	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-292B		2-293B		2-293B		2-294B		2-294B	
	Sample Number	GW1040		GW0044		GW1101		GW0003		GW1010	
	Sample Date	19-OCT-99		07-JUL-99		27-OCT-99		01-JUL-99		15-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	Units										
Benzo(a)pyrene	ug/L	10U		10U		10U		10U		10U	
Benzo(b)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzo(g,h,i)perylene	ug/L	10U		10U		10U		10U		10U	
Benzo(k)fluoranthene	ug/L	10U		10U		10U		10U		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10U		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10U		10U		10U		10U	
Butylbenzylphthalate	ug/L	10U		10U		10U		10U		10U	
Chrysene	ug/L	10U		10U		10U		10U		10U	
Di-n-butylphthalate	ug/L	10U		10U		10U		10U		10U	
Di-n-octylphthalate	ug/L	10U		10U		10U		10U		10U	
Dibenz(a,h)anthracene	ug/L	10U		10U		10U		10U		10U	
Dibenzofuran	ug/L	10U		10U		10U		10U		10U	
Diethylphthalate	ug/L	10U		10U		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10U		10U		10U		10U	
Fluoranthene	ug/L	10U		10U		10U		10U		10U	
Fluorene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobenzene	ug/L	10U		10U		10U		10U		10U	
Hexachlorobutadiene	ug/L	10U		10U		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10U		10UJ		10U		10U		10U	
Hexachloroethane	ug/L	10U		10U		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10U		10U		10U		10U	
Isophorone	ug/L	10U		10U		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10U		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10U		10U		10U		10U	
Naphthalene	ug/L	10U		10U		10U		10U		10U	
Nitrobenzene	ug/L	10U		10U		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50U		50U	
Phenanthrene	ug/L	10U		10U		10U		10U		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10U		10U		10U		10U	

NA=Not Analyzed

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-295B		2-295B		2-296B		2-296B		2-297B	
	Sample Number	GW0004		GW1011		GW0005		GW1013		GW0035	
	Sample Date	01-JUL-99		15-OCT-99		01-JUL-99		15-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		2.9J		10U		2.8J		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		2.6J		10U		2.5J		10U
1,4-Dichlorobenzene	ug/L		3.3J		2.6J		3.9J		2.5J		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-295B		2-295B		2-296B		2-296B		2-297B	
	Sample Number	GW0004		GW1011		GW0005		GW1013		GW0035	
	Sample Date	01-JUL-99		15-OCT-99		01-JUL-99		15-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		3.9J
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		1.4J		2J		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B		2-299B		2-300B	
	Sample Number	GW1075		GW1102		GW0021		GW1035		GW0966	
	Sample Date	25-OCT-99		27-OCT-99		02-JUL-99		18-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B		2-299B		2-300B	
	Sample Number	GW1075		GW1102		GW0021		GW1035		GW0966	
	Sample Date	25-OCT-99		27-OCT-99		02-JUL-99		18-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-304B		2-310B	
	Sample Number	GW0533		GW0742		GW0022		GW1089		GW1002	
	Sample Date	26-AUG-99		17-SEP-99		02-JUL-99		26-OCT-99		14-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,2-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,2-Dinitrobenzene	ug/L	NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U	
2,4,5-Trichlorophenol	ug/L	50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dichlorophenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dimethylphenol	ug/L	10U		10U		10U		10U		10U	
2,4-Dinitrophenol	ug/L	50U		50UJ		50U		50U		50U	
2,4-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U	
2-Chloronaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Chlorophenol	ug/L	10U		10U		10U		10U		10U	
2-Methylnaphthalene	ug/L	10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	ug/L	10U		10U		10U		10U		10U	
2-Nitroaniline	ug/L	50U		50U		50U		50U		50U	
2-Nitrophenol	ug/L	10U		10U		10U		10U		10U	
3+4-Methylphenol	ug/L	10UJ		10U		10U		10U		10U	
3+4-Methyphenols	ug/L	NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	ug/L	20U		20U		20U		20U		20U	
3-Nitroaniline	ug/L	50U		50R		50U		50U		50U	
4,6-Dinitro-2-methylphenol	ug/L	50U		50U		50U		50U		50U	
4-Bromophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	ug/L	10U		10U		10U		10U		10U	
4-Chloroaniline	ug/L	10U		10UJ		10U		10U		10U	
4-Chlorophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U	
4-Nitroaniline	ug/L	50U		50UJ		50U		50U		50U	
4-Nitrophenol	ug/L	50U		50U		50U		50U		50U	
Acenaphthene	ug/L	10U		10U		10U		10U		10U	
Acenaphthylene	ug/L	10U		10U		10U		10U		10U	
Anthracene	ug/L	10U		10U		10U		10U		10U	
Benzo(a)anthracene	ug/L	10U		10U		10U		10U		10U	

TABLE A.34a

Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-304B		2-310B	
	Sample Number	GW0533		GW0742		GW0022		GW1089		GW1002	
	Sample Date	26-AUG-99		17-SEP-99		02-JUL-99		26-OCT-99		14-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10UJ		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10UJ		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B		2-325B		2-328B		2-329B		2-333B		2-333B	
	Sample Number	GW1003		GW1357		GW1256		GW1223		GW0006		GW0967	
	Sample Date	14-OCT-99		22-NOV-99		11-NOV-99		09-NOV-99		01-JUL-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**												
1,2,4-Trichlorobenzene	ug/L	10U		10U		10U		10U		10U		10U	
1,2-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U		10U	
1,2-Dinitrobenzene	ug/L	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	ug/L	10U		10U		10U		10U		10U		10U	
2,4,5-Trichlorophenol	ug/L	50U		50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	ug/L	10U		10U		10U		10U		10U		10U	
2,4-Dichlorophenol	ug/L	10U		10U		10U		10U		10U		10U	
2,4-Dimethylphenol	ug/L	10U		10U		10U		10U		10U		10U	
2,4-Dinitrophenol	ug/L	50U		50U		50U		50UJ		50U		50U	
2,4-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	ug/L	10U		10U		10U		10U		10U		10U	
2-Chloronaphthalene	ug/L	10U		10U		10U		10U		10U		10U	
2-Chlorophenol	ug/L	10U		10U		10U		10U		10U		10U	
2-Methylnaphthalene	ug/L	10U		10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	ug/L	10U		10U		10U		10U		10U		10U	
2-Nitroaniline	ug/L	50U		50U		50U		50U		50U		50U	
2-Nitrophenol	ug/L	10U		10U		10U		10U		10U		10U	
3+4-Methylphenol	ug/L	10U		10U		10U		10U		10U		10U	
3+4-Methyphenols	ug/L	NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	ug/L	20U		20U		20U		20UJ		20U		20U	
3-Nitroaniline	ug/L	50U		50U		50U		50U		50U		50U	
4,6-Dinitro-2-methylphenol	ug/L	50U		50U		50U		50UJ		50U		50U	
4-Bromophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U		10U	
4-Chloro-3-methylphenol	ug/L	10U		10U		10U		10U		10U		10U	
4-Chloroaniline	ug/L	10U		10U		10U		10U		10U		10U	
4-Chlorophenyl Phenyl Ether	ug/L	10U		10U		10U		10U		10U		10U	
4-Nitroaniline	ug/L	50U		50U		50U		50U		50U		50U	
4-Nitrophenol	ug/L	50U		50U		50U		50U		50U		50U	
Acenaphthene	ug/L	10U		10U		10U		10U		10U		10U	
Acenaphthylene	ug/L	10U		10U		10U		10U		10U		10U	
Anthracene	ug/L	10U		10U		10U		10U		10U		10U	
Benzo(a)anthracene	ug/L	10U		10U		10U		10U		10U		10U	

TABLE A.34a
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 199
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-311B	2-325B	2-328B	2-329B	2-333B	2-333B
	Sample Number	GW1003	GW1357	GW1256	GW1223	GW0006	GW0967
	Sample Date	14-OCT-99	22-NOV-99	11-NOV-99	09-NOV-99	01-JUL-99	12-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10UJ	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-334B	2-334B	2-335B	2-335B
	Sample Number	GW0007	GW0968	GW0008	GW1014
	Sample Date	01-JUL-99	12-OCT-99	01-JUL-99	15-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-334B	2-334B	2-335B	2-335B
	Sample Number	GW0007	GW0968	GW0008	GW1014
	Sample Date	01-JUL-99	12-OCT-99	01-JUL-99	15-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B		2-348B	
	Sample Number	GW1183		GW1184		GW1358		GW1360		GW1185	
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50R		50R		50U		50U		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10UJ		10U		10U		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B		2-348B	
	Sample Number	GW1183		GW1184		GW1358		GW1360		GW1185	
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10UJ		10U		10U		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349B		2-350B		2-351B		2-352B		2-355B	
	Sample Number	GW1225		GW1258		GW1261		GW1361		GW0788	
	Sample Date	09-NOV-99		11-NOV-99		11-NOV-99		22-NOV-99		22-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50U		50U		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		2.1J		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20U		20U		20UJ
3-Nitroaniline	ug/L		50U		50U		50U		50U		50R
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50U		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10UJ
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50UJ
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10UJ
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-349B	2-350B	2-351B	2-352B	2-355B
	Sample Number	GW1225	GW1258	GW1261	GW1361	GW0788
	Sample Date	09-NOV-99	11-NOV-99	11-NOV-99	22-NOV-99	22-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10UJ	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10UJ
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U	10UJ
Hexachloroethane	ug/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10J	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-356B		2-358B		2-359B		2-392B		2-393B	
	Sample Number	GW0789		GW0749		GW0750		GW0918		GW0919	
	Sample Date	22-SEP-99		17-SEP-99		17-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10UJ		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10UJ		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10UJ		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10UJ		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50UJ		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10UJ		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10UJ		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10UJ		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10UJ		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50UJ		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20UJ		20UJ		20U		20U		20UJ
3-Nitroaniline	ug/L		50R		50R		50R		50UJ		50R
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50U		50UJ		50U
4-Bromophenyl Phenyl Ether	ug/L		10UJ		10UJ		10U		10UJ		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10UJ		10UJ		10UJ		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10UJ		10U		10U		10U
4-Nitroaniline	ug/L		50UJ		50UJ		50UJ		50UJ		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10UJ		10U		10U		10U
Acenaphthylene	ug/L		10UJ		10UJ		10U		10U		10U
Anthracene	ug/L		10U		10UJ		10U		10UJ		10U
Benzo(a)anthracene	ug/L		10U		10UJ		10U		10U		10UJ

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-356B		2-358B		2-359B		2-392B		2-393B	
	Sample Number	GW0789		GW0749		GW0750		GW0918		GW0919	
	Sample Date	22-SEP-99		17-SEP-99		17-SEP-99		06-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L	10U		10UJ		10U		10UJ		10U	
Benzo(b)fluoranthene	ug/L	10U		10UJ		10U		10UJ		10U	
Benzo(g,h,i)perylene	ug/L	10U		10UJ		10U		10UJ		10UJ	
Benzo(k)fluoranthene	ug/L	10U		10UJ		10U		10UJ		10U	
Benzoic Acid	ug/L	50U		50U		50U		50U		50U	
Benzyl Alcohol	ug/L	10U		10UJ		10U		10U		10U	
Bis(2-chloroethoxy) Methane	ug/L	10U		10UJ		10U		10U		10U	
Bis(2-chloroethyl)ether	ug/L	10U		10UJ		10U		10U		10U	
Bis(2-chloroisopropyl) Ether	ug/L	10U		10UJ		10U		10U		10U	
Bis(2-ethylhexyl)phthalate	ug/L	10U		10UJ		10U		10U		5.2J	
Butylbenzylphthalate	ug/L	10U		10UJ		10U		10U		10UJ	
Chrysene	ug/L	10U		10UJ		10U		10U		10UJ	
Di-n-butylphthalate	ug/L	10U		10UJ		10U		10UJ		10U	
Di-n-octylphthalate	ug/L	10U		10UJ		10U		10U		10UJ	
Dibenz(a,h)anthracene	ug/L	10U		10UJ		10U		10UJ		10U	
Dibenzofuran	ug/L	10U		10UJ		10U		10U		10U	
Diethylphthalate	ug/L	10U		10UJ		10U		10U		10U	
Dimethylphthalate	ug/L	10U		10UJ		10U		10U		10U	
Fluoranthene	ug/L	10U		10UJ		10U		10UJ		10U	
Fluorene	ug/L	10U		10UJ		10U		10U		10U	
Hexachlorobenzene	ug/L	10UJ		10UJ		10U		10UJ		10U	
Hexachlorobutadiene	ug/L	10U		10UJ		10U		10U		10U	
Hexachlorocyclopentadiene	ug/L	10UJ		10UJ		10U		10U		10U	
Hexachloroethane	ug/L	10U		10UJ		10U		10U		10U	
Indeno_1,2,3-cd_pyrene	ug/L	10U		10UJ		10U		10U		10UJ	
Isophorone	ug/L	10U		10UJ		10U		10U		10U	
N-Nitroso-di-n-propylamine	ug/L	10U		10UJ		10U		10U		10U	
N-Nitrosodiphenylamine	ug/L	10U		10UJ		10UJ		10UJ		10U	
Naphthalene	ug/L	10U		10UJ		10U		10U		10U	
Nitrobenzene	ug/L	10U		10UJ		10U		10U		10U	
Pentachlorophenol	ug/L	50U		50U		50U		50UJ		50U	
Phenanthrene	ug/L	10U		10UJ		10U		10UJ		10U	
Phenol	ug/L	10U		10U		10U		10U		10U	
Pyrene	ug/L	10U		10UJ		10U		10UJ		10UJ	

NA=Not Analyzed .

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-394B		2-395B		2-396B		2-397B		2-398B	
	Sample Number	GW1207		GW1434		GW1209		GW0937		GW0895	
	Sample Date	08-NOV-99		30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50U		50UJ		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20UJ		20U		20UJ
3-Nitroaniline	ug/L		50U		50U		50U		50U		50R
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50UJ		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-394B		2-395B		2-396B		2-397B		2-398B	
	Sample Number	GW1207		GW1434		GW1209		GW0937		GW0895	
	Sample Date	08-NOV-99		30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10UJ
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10U		10UJ		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10UJ
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10UJ
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B	2-405B	2-406B	2-409B	2-410B
	Sample Number	GW1212	GW0923	GW0924	GW1214	GW1079
	Sample Date	08-NOV-99	07-OCT-99	07-OCT-99	08-NOV-99	26-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50U	50UJ	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20UJ	20UJ	20U	20UJ	20U
3-Nitroaniline	ug/L	50U	50R	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50UJ	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10UJ	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50UJ	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B		2-405B		2-406B		2-409B		2-410B	
	Sample Number	GW1212		GW0923		GW0924		GW1214		GW1079	
	Sample Date	08-NOV-99		07-OCT-99		07-OCT-99		08-NOV-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10U		10U		10UJ		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10UJ		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10UJ		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U		10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-418B		2-62B		2-63B		2-64B		2-65B	
	Sample Number	GW1081		GW0900		GW0902		GW0905		GW0907	
	Sample Date	26-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		53=		10U		10U		7.4J
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		5.2J		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		13=		10U		10U		4.6J
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50UJ		50UJ		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20UJ		20U		20U
3-Nitroaniline	ug/L		50U		50UJ		50R		50UJ		50UJ
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10UJ		10UJ		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50UJ		50UJ
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-418B		2-62B		2-63B		2-64B		2-65B	
	Sample Number	GW1081		GW0900		GW0902		GW0905		GW0907	
	Sample Date	26-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10UJ		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10UJ		10UJ		10UJ

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B	2-67A	2-67B	2-68A	2-68B
	Sample Number	GW0862	GW0853	GW0854	GW0855	GW0856
	Sample Date	30-SEP-99	30-SEP-99	30-SEP-99	30-SEP-99	30-SEP-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50UJ	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20UJ	20UJ	20UJ	20UJ	20UJ
3-Nitroaniline	ug/L	50R	50R	50R	50R	50R
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50UJ	50UJ	50UJ	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10UJ	10U	10U	10U	10UJ
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10UJ	10UJ	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10UJ	10U	10U	10U	10UJ
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-66B		2-67A		2-67B		2-68A		2-68B	
	Sample Number	GW0862		GW0853		GW0854		GW0855		GW0856	
	Sample Date	30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99		30-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10UJ		10U		10U		10U		10UJ
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10UJ		10UJ		10UJ		10UJ
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10UJ		10UJ		10UJ		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10U		10U		10UJ
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10UJ		10U		10U		10U		10UJ
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10U		10U		10U		10UJ

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	Sample Number	GW0972		GW0941		GW1415		GW1420		GW0948	
	Sample Date	13-OCT-99		11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2AR		3A		41AR		42AR		43AR	
	Sample Number	GW0972		GW0941		GW1415		GW1420		GW0948	
	Sample Date	13-OCT-99		11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR	45AR	46AR	46AR	47AR
	Sample Number	GW0038	GW1066	GW0040	GW1106	GW0041
	Sample Date	07-JUL-99	25-OCT-99	07-JUL-99	28-OCT-99	07-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	2.6J	2.3J	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50UJ	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50UJ	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR		46AR		47AR	
	Sample Number	GW0038		GW1066		GW0040		GW1106		GW0041	
	Sample Date	07-JUL-99		25-OCT-99		07-JUL-99		28-OCT-99		07-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		1.0U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10U		10UJ		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR	4AR	58BR	59B	5AR
	Sample Number	GW1111	GW0975	GW0747	GW1045	GW0955
	Sample Date	28-OCT-99	13-OCT-99	17-SEP-99	20-OCT-99	12-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	1.3J	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	1.6J	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50UJ	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50R	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10UJ	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50UJ	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR		4AR		58BR		59B		5AR	
	Sample Number	GW1111		GW0975		GW0747		GW1045		GW0955	
	Sample Date	28-OCT-99		13-OCT-99		17-SEP-99		20-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		1.2J		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		53=		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10UJ		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	5C		6		61A		62		75B	
		Sample Number	GW0958		GW0807		GW0875		GW0877		GW0014	
		Sample Date	12-OCT-99		24-SEP-99		01-OCT-99		01-OCT-99		02-JUL-99	
		Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**											
1,2,4-Trichlorobenzene	ug/L		10U		10U		1.4J		10U		10U	
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U	
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U	
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		2.8J	
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U	
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U	
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U	
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U	
2,4-Dinitrophenol	ug/L		50U		50UJ		50UJ		50UJ		50U	
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U	
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U	
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U	
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U	
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U	
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U	
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U	
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U	
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U	
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	ug/L		20U		20U		20UJ		20UJ		20U	
3-Nitroaniline	ug/L		50U		50UJ		50UJ		50UJ		50U	
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50UJ		50UJ		50U	
4-Bromophenyl Phenyl Ether	ug/L		10U		10UJ		10U		10U		10U	
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U	
4-Chloroaniline	ug/L		10U		10UJ		10UJ		10UJ		10U	
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U	
4-Nitroaniline	ug/L		50U		50UJ		50U		50U		50U	
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U	
Acenaphthene	ug/L		10U		10U		10U		10U		10U	
Acenaphthylene	ug/L		10U		10U		10U		10U		10U	
Anthracene	ug/L		10U		10U		10U		10U		10U	
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U	

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	5C		6		61A		62		75B	
	Sample Number	GW0958		GW0807		GW0875		GW0877		GW0014	
	Sample Date	12-OCT-99		24-SEP-99		01-OCT-99		01-OCT-99		02-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10UJ		10UJ		10UJ		10U
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10UJ		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10UJ		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10UJ		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B		76A		76A		77A		78A	
	Sample Number	GW1084		GW0046		GW0978		GW0943		GW0959	
	Sample Date	26-OCT-99		07-JUL-99		13-OCT-99		11-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		1.7J		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		1.7J		10U		10U		10U
1,4-Dichlorobenzene	ug/L		1.5J		1.6J		2.4J		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	75B	76A	76A	77A	78A
	Sample Number	GW1084	GW0046	GW0978	GW0943	GW0959
	Sample Date	26-OCT-99	07-JUL-99	13-OCT-99	11-OCT-99	12-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10UJ	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	2.5J	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10UJ	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10UJ	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	79BR	79BR	83BR	83BR	84B
		Sample Number	GW0029	GW1056	GW0015	GW1086	GW0030
		Sample Date	06-JUL-99	21-OCT-99	02-JUL-99	26-OCT-99	06-JUL-99
		Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**						
1,2,4-Trichlorobenzene	ug/L		10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L		8.5J	15=	10U	10U	10U
1,2-Dinitrobenzene	ug/L		NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L		10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L		1.6J	2.6J	1.7J	10U	10U
2,4,5-Trichlorophenol	ug/L		50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L		10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L		10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L		10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L		50U	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L		10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L		10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L		10U	10U	10U	10U	10U
2-Chlorophenol	ug/L		10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L		10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L		10U	10U	10U	10U	10U
2-Nitroaniline	ug/L		50U	50U	50U	50U	50U
2-Nitrophenol	ug/L		10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L		10U	10U	10U	10U	10U
3+4-Methyphenols	ug/L		NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L		20U	20U	20U	20U	20U
3-Nitroaniline	ug/L		50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L		50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L		10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L		10U	10U	10U	10U	10U
4-Chloroaniline	ug/L		10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L		10U	10U	10U	10U	10U
4-Nitroaniline	ug/L		50U	50U	50U	50U	50U
4-Nitrophenol	ug/L		50U	50U	50U	50U	50U
Acenaphthene	ug/L		10U	10U	10U	10U	10U
Acenaphthylene	ug/L		10U	10U	10U	10U	10U
Anthracene	ug/L		10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L		10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR	79BR	83BR	83BR	84B
	Sample Number	GW0029	GW1056	GW0015	GW1086	GW0030
	Sample Date	06-JUL-99	21-OCT-99	02-JUL-99	26-OCT-99	06-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	4.3J	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B		9A		EX-A01	
	Sample Number	GW1060		GW0891		GW0963		GW0994		GW1122	
	Sample Date	21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50UJ		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3+4-Methyphenols	ug/L		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20UJ		20U		20U		20U
3-Nitroaniline	ug/L		50U		50R		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		85C		86B		9A		EX-A01	
	Sample Number	GW1060		GW0891		GW0963		GW0994		GW1122	
	Sample Date	21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99		29-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A02	EX-A02	EX-A05	EX-A05	EX-A06
	Sample Number	GW0297	GW1123	GW0287	GW1125	GW1126
	Sample Date	02-AUG-99	29-OCT-99	30-JUL-99	29-OCT-99	29-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	10U	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	NA	10U	10U	10U	10U
3+4-Methyphenols	ug/L	10U	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A02	EX-A02	EX-A05	EX-A05	EX-A06
	Sample Number	GW0297	GW1123	GW0287	GW1125	GW1126
	Sample Date	02-AUG-99	29-OCT-99	30-JUL-99	29-OCT-99	29-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	NA	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07	EX-A07	EX-A08	EX-A08	EX-A09
	Sample Number	GW0298	GW1127	GW0289	GW1134	GW0299
	Sample Date	02-AUG-99	29-OCT-99	30-JUL-99	01-NOV-99	02-AUG-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	1.1J	10U	2.3J
1,2-Dinitrobenzene	ug/L	10U	NA	NA	NA	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	1.9J	1.7J	3.7J
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	NA	10U	10U	10U	NA
3+4-Methyphenols	ug/L	10U	NA	NA	NA	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07		EX-A07		EX-A08		EX-A08		EX-A09	
	Sample Number	GW0298		GW1127		GW0289		GW1134		GW0299	
	Sample Date	02-AUG-99		29-OCT-99		30-JUL-99		01-NOV-99		02-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		NA		10U		10U		10U		NA
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09	EX-A10	EX-A10	EX-A12	EX-A12
	Sample Number	GW1135	GW0290	GW1136	GW0300	GW1138
	Sample Date	01-NOV-99	30-JUL-99	01-NOV-99	02-AUG-99	01-NOV-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	NA	NA	10U	NA
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	3.6J	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	NA	10U
3+4-Methyphenols	ug/L	NA	NA	NA	10U	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09	EX-A10	EX-A10	EX-A12	EX-A12
	Sample Number	GW1135	GW0290	GW1136	GW0300	GW1138
	Sample Date	01-NOV-99	30-JUL-99	01-NOV-99	02-AUG-99	01-NOV-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	NA	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B01		EX-B01		EX-B02		EX-B02		EX-B03	
	Sample Number	GW0285		GW1128		GW0301		GW1130		GW0286	
	Sample Date	30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99		30-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		NA		10U		NA		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		NA		10U		10U
3+4-Methyphenols	ug/L		NA		NA		10U		NA		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B01		EX-B01		EX-B02		EX-B02		EX-B03	
	Sample Number	GW0285		GW1128		GW0301		GW1130		GW0286	
	Sample Date	30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99		30-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		NA		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

NA=Not Analyzed

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03	EX-B04	EX-B04	EX-B05	EX-B06
	Sample Number	GW1131	GW0302	GW1132	GW1139	GW0284
	Sample Date	29-OCT-99	02-AUG-99	29-OCT-99	01-NOV-99	30-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
1,2,4-Trichlorobenzene	ug/L	10U	10U	11U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	11U	10U	10U
1,2-Dinitrobenzene	ug/L	NA	10U	NA	NA	NA
1,3-Dichlorobenzene	ug/L	10U	10U	11U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	11U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	55U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	11U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	11U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	11U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	55U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	11U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	11U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	11U	10U	10U
2-Chlorophenol	ug/L	10U	10U	11U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	11U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	11U	10U	10U
2-Nitroaniline	ug/L	50U	50U	55U	50U	50U
2-Nitrophenol	ug/L	10U	10U	11U	10U	10U
3+4-Methylphenol	ug/L	10U	NA	11U	10U	10U
3+4-Methyphenols	ug/L	NA	10U	NA	NA	NA
3,3'-Dichlorobenzidine	ug/L	20U	20U	22U	20U	20U
3-Nitroaniline	ug/L	50U	50U	55U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	55U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	11U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	11U	10U	10U
4-Chloroaniline	ug/L	10U	10U	11U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	11U	10U	10U
4-Nitroaniline	ug/L	50U	50U	55U	50U	50U
4-Nitrophenol	ug/L	50U	50U	55U	50U	50U
Acenaphthene	ug/L	10U	10U	11U	10U	10U
Acenaphthylene	ug/L	10U	10U	11U	10U	10U
Anthracene	ug/L	10U	10U	11U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	11U	10U	10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03	EX-B04	EX-B04	EX-B05	EX-B06
	Sample Number	GW1131	GW0302	GW1132	GW1139	GW0284
	Sample Date	29-OCT-99	02-AUG-99	29-OCT-99	01-NOV-99	30-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ	USZ
Parameter	**Units**					
Benzo(a)pyrene	ug/L	10U	10U	11U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	11U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	11U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	11U	10U	10U
Benzoic Acid	ug/L	50U	50U	55U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	11U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	11U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	11U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	11U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	11U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	11U	10U	10U
Chrysene	ug/L	10U	10U	11U	10U	10U
Di-n-butylphthalate	ug/L	3.3J	10U	11U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	11U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	11U	10U	10U
Dibenzofuran	ug/L	10U	10U	11U	10U	10U
Diethylphthalate	ug/L	10U	2.3J	11U	10U	10U
Dimethylphthalate	ug/L	10U	NA	11U	10U	10U
Fluoranthene	ug/L	10U	10U	11U	10U	10U
Fluorene	ug/L	10U	10U	11U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	11U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	11U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	11U	10U	10U
Hexachloroethane	ug/L	10U	10U	11U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	11U	10U	10U
Isophorone	ug/L	10U	10U	11U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	11U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	11U	10U	10U
Naphthalene	ug/L	10U	10U	11U	10U	10U
Nitrobenzene	ug/L	10U	10U	11U	10U	10U
Pentachlorophenol	ug/L	50U	50U	55U	50U	50U
Phenanthrene	ug/L	10U	10U	11U	10U	10U
Phenol	ug/L	10U	10U	11U	10U	10U
Pyrene	ug/L	10U	10U	11U	10U	10U

NA=Not Analyzed

TABLE A.34b
Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B06		EX-B07		EX-B08		EX-B08	
	Sample Number	GW1140		GW0291		GW0292		GW1143	
	Sample Date	01-NOV-99		02-AUG-99		02-AUG-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dinitrobenzene	ug/L		NA		10U		10U		NA
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		NA		NA		10U
3+4-Methyphenols	ug/L		NA		10U		10U		NA
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U

TABLE A.34b

Analytical Data Summary Table for SVOCs in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B06	EX-B07	EX-B08	EX-B08
	Sample Number	GW1140	GW0291	GW0292	GW1143
	Sample Date	01-NOV-99	02-AUG-99	02-AUG-99	01-NOV-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	NA	NA	10U
Fluoranthene	ug/L	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U

NA=Not Analyzed

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		10A		11A		11A	
	Sample Number	GW0026		GW1023		GW0012		GW1028	
	Sample Date	06-JUL-99		19-OCT-99		02-JUL-99		18-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.071U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin	ug/L		0.070U		0.070U		0.071U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	13		1-66B		1-66B		1-67B
	Sample Number	GW0809		GW0097		GW1608		GW0126
	Sample Date	24-SEP-99		12-JUL-99		17-DEC-99		14-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.10U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.10U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.10U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.050U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.050U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.050U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		1.0U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		2.0U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		1.0U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		1.0U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		1.0U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		1.0U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		1.0U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.050U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.050U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.10U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.050U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.10U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.10U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.10U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.10U	0.070U
Endrin	ug/L		0.070U		0.070U		0.10U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.050U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.050U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.050U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.050U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.50U	0.30U
Toxaphene	ug/L		2.0U		2.0U		5.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B		1AR		2-106B		2-11	
	Sample Number	GW1663		GW0991		GW0521		GW0881	
	Sample Date	22-DEC-99		14-OCT-99		26-AUG-99		04-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-111B		2-112B		2-113B		2-114B	
		Sample Number	GW0524		GW0739		GW0741		GW0745	
		Sample Date	26-AUG-99		17-SEP-99		17-SEP-99		17-SEP-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
4,4'-DDD	ug/L			0.070U		0.070U		0.071U		0.071U
4,4'-DDE	ug/L			0.070U		0.070U		0.071U		0.071U
4,4'-DDT	ug/L			0.070U		0.070U		0.071U		0.071U
Aldrin	ug/L			0.030U		0.030U		0.031U		0.031U
Alpha-BHC	ug/L			0.030U		0.030U		0.031U		0.031U
Alpha-chlordane	ug/L			0.030U		0.030U		0.031U		0.031U
Aroclor-1016	ug/L			0.50U		0.50U		0.51U		0.51U
Aroclor-1221	ug/L			0.65U		0.65U		0.66U		0.66U
Aroclor-1232	ug/L			0.50U		0.50U		0.51U		0.51U
Aroclor-1242	ug/L			0.50U		0.50U		0.51U		0.51U
Aroclor-1248	ug/L			0.50U		0.50U		0.51U		0.51U
Aroclor-1254	ug/L			0.50U		0.50U		0.51U		0.51U
Aroclor-1260	ug/L			0.50U		0.50U		0.51U		0.51U
Beta-BHC	ug/L			0.030U		0.030U		0.031U		0.031U
Delta-BHC	ug/L			0.030U		0.030U		0.031U		0.031U
Dieldrin	ug/L			0.070U		0.070U		0.071U		0.071U
Endosulfan I	ug/L			0.030U		0.030U		0.031U		0.031U
Endosulfan II	ug/L			0.070U		0.070U		0.071U		0.071U
Endosulfan Sulfate	ug/L			0.070U		0.070U		0.071U		0.071U
Endrin Aldehyde	ug/L			0.070U		0.070U		0.071U		0.071U
Endrin Ketone	ug/L			0.070U		0.070U		0.071U		0.071U
Endrin	ug/L			0.070U		0.070U		0.071U		0.071U
Gamma-BHC	ug/L			0.030U		0.030U		0.031U		0.031U
Gamma-chlordane	ug/L			0.030U		0.030U		0.031U		0.031U
Heptachlor Epoxide	ug/L			0.030U		0.030U		0.031U		0.031U
Heptachlor	ug/L			0.030U		0.030U		0.031U		0.031U
Methoxychlor	ug/L			0.30U		0.30U		0.31U		0.31U
Toxaphene	ug/L			2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-115B		2-122A		2-123A		2-124A
	Sample Number	GW0656		GW0885		GW0866		GW0016
	Sample Date	09-SEP-99		04-OCT-99		01-OCT-99		02-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.071U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.071U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.66U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.071U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin	ug/L		0.070U		0.070U		0.070U	0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-124A		2-125A		2-125A		2-126A	
	Sample Number	GW0840		GW0042		GW1093		GW0017	
	Sample Date	28-SEP-99		07-JUL-99		27-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.071U		0.071U		0.071U
4,4'-DDE	ug/L		0.070U		0.071U		0.071U		0.071U
4,4'-DDT	ug/L		0.070U		0.071U		0.071U		0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.031U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.031U
Aroclor-1016	ug/L		0.50U		0.51U		0.51U		0.51U
Aroclor-1221	ug/L		0.65U		0.66U		0.66U		0.66U
Aroclor-1232	ug/L		0.50U		0.51U		0.51U		0.51U
Aroclor-1242	ug/L		0.50U		0.51U		0.51U		0.51U
Aroclor-1248	ug/L		0.50U		0.51U		0.51U		0.51U
Aroclor-1254	ug/L		0.50U		0.51U		0.51U		0.51U
Aroclor-1260	ug/L		0.50U		0.51U		0.51U		0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Dieldrin	ug/L		0.070U		0.071U		0.071U		0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.031U
Endosulfan II	ug/L		0.070U		0.071U		0.071U		0.071U
Endosulfan Sulfate	ug/L		0.070U		0.071U		0.071U		0.071U
Endrin Aldehyde	ug/L		0.070U		0.071U		0.071U		0.071U
Endrin Ketone	ug/L		0.070U		0.071U		0.071U		0.071U
Endrin	ug/L		0.070U		0.071U		0.071U		0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.031U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.031U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.031U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.31U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-126A		2-127A		2-128A		2-128A	
	Sample Number	GW1007		GW1032		GW0031		GW1096	
	Sample Date	15-OCT-99		18-OCT-99		06-JUL-99		27-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129A		2-129A		2-130A		2-131A
	Sample Number	GW0032		GW1048		GW1071		GW1151
	Sample Date	06-JUL-99		20-OCT-99		25-OCT-99		02-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-132A		2-132A		2-133A		2-134B
		Sample Number	GW0033		GW1098		GW1115		GW0847
		Sample Date	06-JUL-99		27-OCT-99		28-OCT-99		30-SEP-99
		Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**								
4,4'-DDD	ug/L		0.073U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.073U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.073U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.031U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.031U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.031U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.52U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.68U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.52U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.52U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.52U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.52U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.52U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.031U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.031U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.073U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.031U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.073U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.073U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.073U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.073U		0.070U		0.070U		0.070U
Endrin	ug/L		0.073U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.031U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.031U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.031U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.031U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.31U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.1U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-135B		2-136B		2-137B		2-138B	
	Sample Number	GW0851		GW0998		GW1190		GW1249	
	Sample Date	29-SEP-99		14-OCT-99		05-NOV-99		11-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.071U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.071U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.071U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.51U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.66U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.51U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.51U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.51U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.51U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.51U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.17J		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.071U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.071U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.071U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.071U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.071U		0.070U		0.070U
Endrin	ug/L		0.070U		0.071U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-139B		2-141B		2-142B		2-143B	
	Sample Number	GW1200		GW0933		GW0927		GW1175	
	Sample Date	05-NOV-99		07-OCT-99		07-OCT-99		04-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.071U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.031U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.031U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U		0.070U
Endrin	ug/L		0.070U		0.070U		0.071U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.031U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.031U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.31U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-144B		2-167B		2-168B		2-19B	
		Sample Number	GW1205		GW0908		GW0909		GW0871	
		Sample Date	08-NOV-99		05-OCT-99		05-OCT-99		01-OCT-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U	

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-20B		2-214A		2-214A		2-215A	
	Sample Number	GW0874		GW0034		GW1009		GW1147	
	Sample Date	01-OCT-99		06-JUL-99		15-OCT-99		02-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.029JP
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-21B		2-228		2-229		2-230	
		Sample Number	GW0530		GW0648		GW0649		GW0651	
		Sample Date	26-AUG-99		09-SEP-99		09-SEP-99		09-SEP-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U	

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-231	2-271B	2-272B	2-273B
	Sample Number	GW0652	GW0914	GW0915	GW0910
	Sample Date	09-SEP-99	06-OCT-99	06-OCT-99	05-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.071U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.071U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.071U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.031U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.031U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.66U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.51U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.071U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.031U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.071U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin	ug/L	0.070U	0.070U	0.070U	0.071U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.031U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.031U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.031U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.31U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-274B		2-278B		2-279B		2-280B
	Sample Number	GW0917		GW1179		GW1355		GW1219
	Sample Date	06-OCT-99		04-NOV-99		22-NOV-99		09-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-281B		2-282B		2-285B		2-287B	
	Sample Number	GW1181		GW1254		GW1427		GW1158	
	Sample Date	04-NOV-99		11-NOV-99		30-NOV-99		03-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-288B		2-290B		2-290B		2-291B
	Sample Number	GW1159		GW0018		GW1034		GW0019
	Sample Date	03-NOV-99		02-JUL-99		18-OCT-99		02-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-291B		2-292B		2-292B		2-293B
	Sample Number	GW1039		GW0020		GW1040		GW0044
	Sample Date	19-OCT-99		02-JUL-99		19-OCT-99		07-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-293B		2-294B		2-294B		2-295B
	Sample Number	GW1101		GW0003		GW1010		GW0004
	Sample Date	27-OCT-99		01-JUL-99		15-OCT-99		01-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.071U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.031U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.031U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.031U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.031U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.031U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.031U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin	ug/L		0.070U		0.070U		0.071U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.031U	0.013UJ
Gamma-chlordane	ug/L		0.030U		0.030U		0.031U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.031U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.031U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.31U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-295B		2-296B		2-296B		2-297B	
		Sample Number	GW1011		GW0005		GW1013		GW0035	
		Sample Date	15-OCT-99		01-JUL-99		15-OCT-99		06-JUL-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
4,4'-DDD	ug/L			0.070U		0.071U		0.070U		0.070U
4,4'-DDE	ug/L			0.070U		0.11=		0.095=		0.070U
4,4'-DDT	ug/L			0.070U		0.071U		0.070U		0.070U
Aldrin	ug/L			0.030U		0.031U		0.030U		0.030U
Alpha-BHC	ug/L			0.030U		0.031U		0.030U		0.030U
Alpha-chlordane	ug/L			0.030U		0.031U		0.030U		0.030U
Aroclor-1016	ug/L			0.50U		0.51U		0.50U		0.50U
Aroclor-1221	ug/L			0.65U		0.66U		0.65U		0.65U
Aroclor-1232	ug/L			0.50U		0.51U		0.50U		0.50U
Aroclor-1242	ug/L			0.50U		0.51U		0.50U		0.50U
Aroclor-1248	ug/L			0.50U		0.51U		0.50U		0.50U
Aroclor-1254	ug/L			0.50U		0.51U		0.50U		0.50U
Aroclor-1260	ug/L			0.50U		0.51U		0.50U		0.50U
Beta-BHC	ug/L			0.030U		0.031U		0.030U		0.030U
Delta-BHC	ug/L			0.030U		0.031U		0.030U		0.030U
Dieldrin	ug/L			0.070U		0.071U		0.070U		0.070U
Endosulfan I	ug/L			0.030U		0.031U		0.030U		0.030U
Endosulfan II	ug/L			0.070U		0.071U		0.070U		0.070U
Endosulfan Sulfate	ug/L			0.070U		0.071U		0.070U		0.070U
Endrin Aldehyde	ug/L			0.070U		0.071U		0.070U		0.070U
Endrin Ketone	ug/L			0.070U		0.071U		0.070U		0.070U
Endrin	ug/L			0.070U		0.071U		0.070U		0.070U
Gamma-BHC	ug/L			0.030U		0.036=		0.059=		0.030U
Gamma-chlordane	ug/L			0.030U		0.041=		0.030U		0.030U
Heptachlor Epoxide	ug/L			0.030U		0.031U		0.030U		0.030U
Heptachlor	ug/L			0.030U		0.031U		0.030U		0.030U
Methoxychlor	ug/L			0.30U		0.31U		0.30U		0.30U
Toxaphene	ug/L			2.0U		2.0U		2.0U		2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-297B		2-298B		2-299B		2-299B
	Sample Number	GW1075		GW1102		GW0021		GW1035
	Sample Date	25-OCT-99		27-OCT-99		02-JUL-99		18-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-300B		2-301B		2-302B		2-304B
	Sample Number	GW0966		GW0533		GW0742		GW0022
	Sample Date	12-OCT-99		26-AUG-99		17-SEP-99		02-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.071U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U	0.070U
Endrin	ug/L		0.070U		0.070U		0.071U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-304B		2-310B		2-311B		2-325B
	Sample Number	GW1089		GW1002		GW1003		GW1357
	Sample Date	26-OCT-99		14-OCT-99		14-OCT-99		22-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.071U		0.071U	0.070U
4,4'-DDE	ug/L		0.070U		0.071U		0.071U	0.070U
4,4'-DDT	ug/L		0.070U		0.071U		0.071U	0.070U
Aldrin	ug/L		0.030U		0.031U		0.031U	0.030U
Alpha-BHC	ug/L		0.030U		0.031U		0.031U	0.030U
Alpha-chlordane	ug/L		0.030U		0.031U		0.031U	0.030U
Aroclor-1016	ug/L		0.50U		0.51U		0.51U	0.50U
Aroclor-1221	ug/L		0.65U		0.66U		0.66U	0.65U
Aroclor-1232	ug/L		0.50U		0.51U		0.51U	0.50U
Aroclor-1242	ug/L		0.50U		0.51U		0.51U	0.50U
Aroclor-1248	ug/L		0.50U		0.51U		0.51U	0.50U
Aroclor-1254	ug/L		0.50U		0.51U		0.51U	0.50U
Aroclor-1260	ug/L		0.50U		0.51U		0.51U	0.50U
Beta-BHC	ug/L		0.030U		0.031U		0.031U	0.030U
Delta-BHC	ug/L		0.030U		0.031U		0.031U	0.030U
Dieldrin	ug/L		0.070U		0.071U		0.071U	0.070U
Endosulfan I	ug/L		0.030U		0.031U		0.031U	0.030U
Endosulfan II	ug/L		0.070U		0.071U		0.071U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.071U		0.071U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.071U		0.071U	0.070U
Endrin Ketone	ug/L		0.070U		0.071U		0.071U	0.070U
Endrin	ug/L		0.070U		0.071U		0.071U	0.070U
Gamma-BHC	ug/L		0.030U		0.031U		0.031U	0.030U
Gamma-chlordane	ug/L		0.030U		0.031U		0.031U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.031U		0.031U	0.030U
Heptachlor	ug/L		0.030U		0.031U		0.031U	0.030U
Methoxychlor	ug/L		0.30U		0.31U		0.31U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35a

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-328B		2-329B		2-333B		2-333B	
	Sample Number	GW1256		GW1223		GW0006		GW0967	
	Sample Date	11-NOV-99		09-NOV-99		01-JUL-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.082U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.082U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.082U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.035U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.035U		0.026UJ
Alpha-chlordane	ug/L		0.030U		0.030U		0.035U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.59U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.76U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.59U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.59U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.59U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.59U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.59U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.035U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.035U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.082U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.035U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.082U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.082U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.082U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.082U		0.070U
Endrin	ug/L		0.070U		0.070U		0.082U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.035U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.035U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.035U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.035U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.35U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.4U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-334B		2-334B		2-335B		2-335B
	Sample Number	GW0007		GW0968		GW0008		GW1014
	Sample Date	01-JUL-99		12-OCT-99		01-JUL-99		15-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.071U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.071U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.071U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.51U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.66U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.51U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.51U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.51U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.51U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.51U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.071U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.071U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.071U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.071U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.071U		0.070U		0.070U	0.070U
Endrin	ug/L		0.071U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B
	Sample Number	GW1183		GW1184		GW1358		GW1360
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.057P		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U	

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-348B		2-349B		2-350B		2-351B	
	Sample Number	GW1185		GW1225		GW1258		GW1261	
	Sample Date	04-NOV-99		09-NOV-99		11-NOV-99		11-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.072U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.072U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.072U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.031U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.52U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.67U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.52U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.52U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.52U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.52U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.52U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.072U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.031U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.072U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.072U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.072U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.072U		0.070U
Endrin	ug/L		0.070U		0.070U		0.072U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.031U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.031U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.031U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.31U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.1U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

StationID		2-352B	2-355B	2-356B	2-358B
Sample Number		GW1361	GW0788	GW0789	GW0749
Sample Date		22-NOV-99	22-SEP-99	22-SEP-99	17-SEP-99
Aquifer Zone		USZ	USZ	USZ	USZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-359B		2-392B		2-393B		2-394B	
	Sample Number	GW0750		GW0918		GW0919		GW1207	
	Sample Date	17-SEP-99		06-OCT-99		06-OCT-99		08-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-395B		2-396B		2-397B		2-398B
	Sample Number	GW1434		GW1209		GW0937		GW0895
	Sample Date	30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B		2-405B		2-406B		2-409B	
	Sample Number	GW1212		GW0923		GW0924		GW1214	
	Sample Date	08-NOV-99		07-OCT-99		07-OCT-99		08-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.071U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.071U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.66U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.071U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin	ug/L		0.070U		0.070U		0.070U		0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-410B		2-418B		2-62B		2-63B
	Sample Number	GW1079		GW1081		GW0900		GW0902
	Sample Date	26-OCT-99		26-OCT-99		05-OCT-99		05-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64B		2-65B		2-66B		2-67A	
	Sample Number	GW0905		GW0907		GW0862		GW0853	
	Sample Date	05-OCT-99		05-OCT-99		30-SEP-99		30-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-67B				2-68A				2-68B				2AR	
	Sample Number	GW0854				GW0855				GW0856				GW0972	
	Sample Date	30-SEP-99				30-SEP-99				30-SEP-99				13-OCT-99	
	Aquifer Zone	USZ				USZ				USZ				USZ	
Parameter	**Units**														
4,4'-DDD	ug/L		0.070U				0.070U				0.070U				0.070U
4,4'-DDE	ug/L		0.070U				0.070U				0.070U				0.070U
4,4'-DDT	ug/L		0.070U				0.070U				0.070U				0.070U
Aldrin	ug/L		0.030U				0.030U				0.030U				0.030U
Alpha-BHC	ug/L		0.030U				0.030U				0.030U				0.030U
Alpha-chlordane	ug/L		0.030U				0.030U				0.030U				0.030U
Aroclor-1016	ug/L		0.50U				0.50U				0.50U				0.50U
Aroclor-1221	ug/L		0.65U				0.65U				0.65U				0.65U
Aroclor-1232	ug/L		0.50U				0.50U				0.50U				0.50U
Aroclor-1242	ug/L		0.50U				0.50U				0.50U				0.50U
Aroclor-1248	ug/L		0.50U				0.50U				0.50U				0.50U
Aroclor-1254	ug/L		0.50U				0.50U				0.50U				0.50U
Aroclor-1260	ug/L		0.50U				0.50U				0.50U				0.50U
Beta-BHC	ug/L		0.030U				0.030U				0.030U				0.030U
Delta-BHC	ug/L		0.030U				0.030U				0.030U				0.030U
Dieldrin	ug/L		0.070U				0.070U				0.070U				0.070U
Endosulfan I	ug/L		0.030U				0.030U				0.030U				0.030U
Endosulfan II	ug/L		0.070U				0.070U				0.070U				0.070U
Endosulfan Sulfate	ug/L		0.070U				0.070U				0.070U				0.070U
Endrin Aldehyde	ug/L		0.070U				0.070U				0.070U				0.070U
Endrin Ketone	ug/L		0.070U				0.070U				0.070U				0.070U
Endrin	ug/L		0.070U				0.070U				0.070U				0.070U
Gamma-BHC	ug/L		0.030U				0.030U				0.030U				0.030U
Gamma-chlordane	ug/L		0.030U				0.030U				0.030U				0.030U
Heptachlor Epoxide	ug/L		0.030U				0.030U				0.030U				0.030U
Heptachlor	ug/L		0.030U				0.030U				0.030U				0.030U
Methoxychlor	ug/L		0.30U				0.30U				0.30U				0.30U
Toxaphene	ug/L		2.0U				2.0U				2.0U				2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	3A		41AR		42AR		43AR
	Sample Number	GW0941		GW1415		GW1420		GW0948
	Sample Date	11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR	46AR
	Sample Number	GW0038		GW1066		GW0040	GW1106
	Sample Date	07-JUL-99		25-OCT-99		07-JUL-99	28-OCT-99
	Aquifer Zone	USZ		USZ		USZ	USZ
Parameter	**Units**						
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR		47AR		4AR		58BR	
	Sample Number	GW0041		GW1111		GW0975		GW0747	
	Sample Date	07-JUL-99		28-OCT-99		13-OCT-99		17-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.071U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.071U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.031U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.031U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.66U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.51U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.031U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.071U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.071U
Endrin	ug/L		0.070U		0.070U		0.070U		0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.031U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.031U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.031U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.031U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.31U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	59B		5AR		5C		6	
	Sample Number	GW1045		GW0955		GW0958		GW0807	
	Sample Date	20-OCT-99		12-OCT-99		12-OCT-99		24-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	61A		62		75B		75B	
	Sample Number	GW0875		GW0877		GW0014		GW1084	
	Sample Date	01-OCT-99		01-OCT-99		02-JUL-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	76A		76A		77A		78A
	Sample Number	GW0046		GW0978		GW0943		GW0959
	Sample Date	07-JUL-99		13-OCT-99		11-OCT-99		12-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.072U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.072U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.072U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.031U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.031U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.67U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.52U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.072U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.031U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.072U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin	ug/L		0.072U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.031U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.031U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.031U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.31U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.1U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		79BR		83BR		83BR	
	Sample Number	GW0029		GW1056		GW0015		GW1086	
	Sample Date	06-JUL-99		21-OCT-99		02-JUL-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		84B		85C		9A
	Sample Number	GW0030		GW1060		GW0891		GW0994
	Sample Date	06-JUL-99		21-OCT-99		04-OCT-99		14-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A01	EX-A02	EX-A02	EX-A05
	Sample Number	GW1122	GW0297	GW1123	GW0287
	Sample Date	29-OCT-99	02-AUG-99	29-OCT-99	30-JUL-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	1.6J	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A05		EX-A06		EX-A07		EX-A07
	Sample Number	GW1125		GW1126		GW0298		GW1127
	Sample Date	29-OCT-99		29-OCT-99		02-AUG-99		29-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.58J	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A08	EX-A08	EX-A09	EX-A09
	Sample Number	GW0289	GW1134	GW0299	GW1135
	Sample Date	30-JUL-99	01-NOV-99	02-AUG-99	01-NOV-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.17=	0.030U	0.39=	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.040=	0.030U	0.11=
Gamma-chlordane	ug/L	0.030U	0.030U	0.067=	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A10		EX-A10		EX-A12		EX-A12
	Sample Number	GW0290		GW1136		GW0300		GW1138
	Sample Date	30-JUL-99		01-NOV-99		02-AUG-99		01-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.072U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.072U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.072U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.031U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.031U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.67U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.52U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.52U		0.50U		0.40J	0.50U
Beta-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.072U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.031U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.072U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.072U		0.070U		0.070U	0.070U
Endrin	ug/L		0.072U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.031U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.031U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.031U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.031U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.31U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.1U		2.0U		2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B01	EX-B01	EX-B02	EX-B02
	Sample Number	GW0285	GW1128	GW0301	GW1130
	Sample Date	30-JUL-99	29-OCT-99	02-AUG-99	29-OCT-99
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.071U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.071U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.071U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.031U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.031U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.66U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.51U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.51U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.071U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.031U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.071U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.071U
Endrin	ug/L	0.070U	0.070U	0.070U	0.071U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.031U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.031U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.031U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.031U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.31U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B03		EX-B03		EX-B04		EX-B04		EX-B05	
	Sample Number	GW0286		GW1131		GW0302		GW1132		GW1139	
	Sample Date	30-JUL-99		29-OCT-99		02-AUG-99		29-OCT-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.54U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.71U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.54U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.54U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.54U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.54U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.75J		0.54U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.076U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.033U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.33U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.2U		2.0U

TABLE A.35b

Analytical Data Summary Table for Pesticides in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B06		EX-B06		EX-B07		EX-B08		EX-B08	
	Sample Number	GW0284		GW1140		GW0291		GW0292		GW1143	
	Sample Date	30-JUL-99		01-NOV-99		02-AUG-99		02-AUG-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ		USZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.82J		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.013UJ		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	10A		10A		11A		11A
	Sample Number	GW0026		GW1023		GW0012		GW1028
	Sample Date	06-JUL-99		19-OCT-99		02-JUL-99		18-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0J		10.0U		6.0U	10.0U
Barium	ug/L		194=		189=		59.2=	69.6=
Cadmium	ug/L		1.0U		3.0U		1.0U	3.0U
Chromium, Total	ug/L		2970=		3140=		6.8=	29.3=
Lead	ug/L		2.0U		3.0U		2.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		1.2J		4.0U		15.4=	28.0=
Selenium	ug/L		4.0U		5.0U		5.1=	5.0U
Silver	ug/L		1.0U		5.0U		1.0U	5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	StationID	13		1-66B		1-66B		1-67B	
	Sample Number	GW0809		GW0097		GW1608		GW0126	
	Sample Date	24-SEP-99		12-JUL-99		17-DEC-99		14-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		6.0U		10.0U		14.2=
Barium	ug/L		291=		973=		1030=		56.8=
Cadmium	ug/L		3.0U		1.0U		3.0U		1.0U
Chromium, Total	ug/L		5.0U		1.0U		5.0U		1290=
Lead	ug/L		3.7=		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.0U		2.0U		4.0U		465=
Selenium	ug/L		5.0U		5.0U		5.0U		6.8=
Silver	ug/L		5.0U		1.0J		5.0U		1.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	1-67B			1AR			2-106B			2-11		
	Sample Number	GW1663			GW0991			GW0521			GW0881		
	Sample Date	22-DEC-99			14-OCT-99			26-AUG-99			04-OCT-99		
	Aquifer Zone	USZ			USZ			USZ			USZ		
Parameter	**Units**												
Arsenic	ug/L		10.0U			14.2=			10.0U			6.0U	
Barium	ug/L		51.1=			2500=			439=			1390=	
Cadmium	ug/L		3.0U			3.0U			3.0U			1.0U	
Chromium, Total	ug/L		818=			5.0U			17.8=			1.0U	
Lead	ug/L		3.0U			3.0U			3.3=			2.0U	
Mercury	ug/L		0.20U			0.20U			0.20U			0.20U	
Nickel	ug/L		319=			48.9=			29.6=			2.4J	
Selenium	ug/L		5.0U			5.0U			5.0U			5.0U	
Silver	ug/L		5.0U			5.0U			5.0U			1.0U	

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-111B		2-113B		2-114B		2-115B
	Sample Number	GW0524		GW0741		GW0745		GW0656
	Sample Date	26-AUG-99		17-SEP-99		17-SEP-99		09-SEP-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		213=		433U		54.1U	488=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		1050=		70.1U		26.4U	177=
Lead	ug/L		179=		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		814=		252U		1510=	92.8=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-122A		2-123A		2-124A		2-124A	
	Sample Number	GW0885		GW0866		GW0016		GW0840	
	Sample Date	04-OCT-99		01-OCT-99		02-JUL-99		28-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		6.0U		7.6J		10.0U
Barium	ug/L		225=		1060=		97.0=		226=
Cadmium	ug/L		1.0U		1.0U		1.0U		3.0U
Chromium, Total	ug/L		1.6J		1.0U		187=		221=
Lead	ug/L		2.0U		2.0U		2.0U		8.1=
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.5J		2.2J		209=		430=
Selenium	ug/L		5.0U		5.0U		4.0U		5.0U
Silver	ug/L		1.0U		1.0U		1.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-125A		2-125A		2-126A		2-126A	
	Sample Number	GW0042		GW1093		GW0017		GW1007	
	Sample Date	07-JUL-99		27-OCT-99		06-JUL-99		15-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		10.0U		6.7J		10.0U
Barium	ug/L		211=		196=		363=		409=
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		5.8=		5.1=		5.1=		17.6=
Lead	ug/L		3.0U		3.0U		2.4J		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		63.4=		28.0=		4.4=		4.0U
Selenium	ug/L		5.0U		5.0U		4.0U		5.0U
Silver	ug/L		1.0U		5.0U		1.4J		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-127A		2-128A		2-128A		2-129A	
	Sample Number	GW1032		GW0031		GW1096		GW0032	
	Sample Date	18-OCT-99		06-JUL-99		27-OCT-99		06-JUL-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		7.7J		10.0U		7.6J
Barium	ug/L		412=		86.9=		83.0=		474=
Cadmium	ug/L		3.0U		1.0U		3.0U		1.0U
Chromium, Total	ug/L		5.0U		418=		443=		16.6=
Lead	ug/L		3.0U		6.6=		3.4=		2.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.0U		2.1J		4.0U		14.8=
Selenium	ug/L		5.0U		4.0U		5.0U		4.0U
Silver	ug/L		5.0U		1.1J		5.0U		1.0J

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-129A		2-130A		2-131A		2-132A
	Sample Number	GW1048		GW1071		GW1151		GW0033
	Sample Date	20-OCT-99		25-OCT-99		02-NOV-99		06-JUL-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		6.0U	57.6=
Barium	ug/L		511=		367=		700=	373=
Cadmium	ug/L		3.0U		3.0U		5.0U	1.0U
Chromium, Total	ug/L		5.0U		38.1=		5.0U	4460=
Lead	ug/L		3.0U		3.0U		3.0U	2.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.0U		486=		5.0U	574=
Selenium	ug/L		5.0U		5.0U		5.0U	4.0U
Silver	ug/L		5.0U		5.0U		5.0U	1.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-132A		2-133A		2-134B		2-135B	
	Sample Number	GW1098		GW1115		GW0847		GW0851	
	Sample Date	27-OCT-99		28-OCT-99		30-SEP-99		29-SEP-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		17.5=		15.0=		6.0U		6.0U
Barium	ug/L		249=		442=		546=		1330=
Cadmium	ug/L		3.0U		3.0U		1.0U		1.0U
Chromium, Total	ug/L		1770=		529=		15.5=		1.0U
Lead	ug/L		3.0U		3.0U		2.0U		2.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		467=		57.8=		8.8J		4.9J
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		1.0U		1.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-136B		2-137B		2-138B		2-139B	
	Sample Number	GW0998		GW1190		GW1249		GW1200	
	Sample Date	14-OCT-99		05-NOV-99		11-NOV-99		05-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		10.0U
Barium	ug/L		729=		787=		1350=		3220=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		43.1=		5.0U		5.0U		5.0=
Lead	ug/L		4.5=		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		16.3=		6.4=		35.8=		172=
Selenium	ug/L		5.0U		5.6UJ		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-141B		2-142B		2-143B		2-144B	
	Sample Number	GW0933		GW0927		GW1175		GW1205	
	Sample Date	07-OCT-99		07-OCT-99		04-NOV-99		08-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		6.0U
Barium	ug/L		272=		152=		789=		793=
Cadmium	ug/L		3.0U		3.0U		3.0U		5.0U
Chromium, Total	ug/L		275=		408=		170=		5.0U
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		856=		789=		398=		5.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-167B		2-168B		2-19B		2-20B
	Sample Number	GW0908		GW0909		GW0871		GW0874
	Sample Date	05-OCT-99		05-OCT-99		01-OCT-99		01-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		6.0U	6.0U
Barium	ug/L		599=		291=		477=	1560=
Cadmium	ug/L		3.0U		3.0U		1.0U	1.0U
Chromium, Total	ug/L		14.0=		5.0U		1.8J	1.5J
Lead	ug/L		3.0U		3.0U		2.0U	2.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		8.7=		5.3=		47.0=	2.9J
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		1.3U	1.1U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-214A		2-214A		2-215A		2-21B	
	Sample Number	GW0034		GW1009		GW1147		GW0530	
	Sample Date	06-JUL-99		15-OCT-99		02-NOV-99		26-AUG-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		10.0U		6.0U		10.0U
Barium	ug/L		237=		250=		530=		282=
Cadmium	ug/L		1.0U		3.0U		5.0U		3.0U
Chromium, Total	ug/L		7.3=		16.4=		5.0U		5.0U
Lead	ug/L		2.7J		3.0U		3.0U		3.3=
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		7.0=		11.7=		5.0U		23.5=
Selenium	ug/L		4.0U		5.0U		5.0U		5.0U
Silver	ug/L		1.0U		5.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-228		2-229		2-230		2-231	
		Sample Number	GW0648		GW0649		GW0651		GW0652	
		Sample Date	09-SEP-99		09-SEP-99		09-SEP-99		09-SEP-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
Arsenic	ug/L		10.0U		10.0U		10.0U		10.0U	
Barium	ug/L		591=		201=		538=		349=	
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U	
Chromium, Total	ug/L		5.0U		15.4=		5.0U		5.0U	
Lead	ug/L		3.0U		3.3=		3.0U		3.0U	
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U	
Nickel	ug/L		4.0U		10.2=		4.0U		4.2=	
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U	
Silver	ug/L		5.0U		5.0U		5.0U		5.0U	

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-271B		2-272B		2-273B		2-274B	
	Sample Number	GW0914		GW0915		GW0910		GW0917	
	Sample Date	06-OCT-99		06-OCT-99		05-OCT-99		06-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		10.0U
Barium	ug/L		334=		190=		480=		76.6=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		88.3=		119=		5.0U		25.8=
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		298=		220=		6.0=		32.4=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-278B		2-279B		2-280B		2-281B	
		Sample Number	GW1179		GW1355		GW1219		GW1181	
		Sample Date	04-NOV-99		22-NOV-99		09-NOV-99		04-NOV-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
Arsenic	ug/L			10.0U		11.3=		6.0U		10.0U
Barium	ug/L			969=		102=		524=		947=
Cadmium	ug/L			3.0U		3.0U		5.0U		3.0U
Chromium, Total	ug/L			5.0U		578=		5.0U		5.0U
Lead	ug/L			3.0U		10.6=		3.0U		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			9.9=		419=		114=		4.0U
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U
Silver	ug/L			5.0U		5.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-282B		2-285B		2-287B		2-288B
	Sample Number	GW1254		GW1427		GW1158		GW1159
	Sample Date	11-NOV-99		30-NOV-99		03-NOV-99		03-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		47.9=		10.0U		6.0U	6.0U
Barium	ug/L		333=		152=		147B	1300=
Cadmium	ug/L		8.6=		3.0U		5.0U	5.0U
Chromium, Total	ug/L		1120=		5.0U		7.2B	5.0U
Lead	ug/L		3.0U		4.7=		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		1680=		8.1=		20.7B	5.0U
Selenium	ug/L		7.5=		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID		2-290B		2-290B		2-291B		2-291B	
		Sample Number		GW0018		GW1034		GW0019		GW1039	
		Sample Date		02-JUL-99		18-OCT-99		02-JUL-99		19-OCT-99	
		Aquifer Zone		USZ		USZ		USZ		USZ	
Parameter	**Units**										
Arsenic	ug/L		8.6J		10.0U		6.0U		10.0U		
Barium	ug/L		56.5=		60.9=		247=		251=		
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U		
Chromium, Total	ug/L		22.9=		33.7=		317=		42.8=		
Lead	ug/L		2.0U		3.0U		2.0U		3.0U		
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U		
Nickel	ug/L		72.9=		148=		298=		180=		
Selenium	ug/L		4.0U		5.3=		4.0U		5.0U		
Silver	ug/L		1.0U		5.0U		1.0U		5.0U		

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-292B		2-292B		2-293B		2-293B
	Sample Number	GW0020		GW1040		GW0044		GW1101
	Sample Date	02-JUL-99		19-OCT-99		07-JUL-99		27-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		9.5J		10.0U		6.0U	10.0U
Barium	ug/L		91.7=		68.1=		303=	292=
Cadmium	ug/L		1.0U		3.0U		1.0U	3.0U
Chromium, Total	ug/L		32.8=		5.0U		7.5=	5.0U
Lead	ug/L		2.0U		3.0U		3.0U	3.7=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		27.0=		4.0U		6.6=	9.2=
Selenium	ug/L		4.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.0U		5.0U		1.0U	5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-294B		2-294B		2-295B	2-295B
	Sample Number	GW0003		GW1010		GW0004	GW1011
	Sample Date	01-JUL-99		15-OCT-99		01-JUL-99	15-OCT-99
	Aquifer Zone	USZ		USZ		USZ	USZ
Parameter	**Units**						
Arsenic	ug/L		6.4J		10.0U		6.0U		10.0U
Barium	ug/L		257=		312=		301=		348=
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		1.0U		5.0U		1.0U		5.0U
Lead	ug/L		2.0U		3.0U		2.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		1.0J		4.0U		1.5J		4.0U
Selenium	ug/L		4.0U		5.0U		6.0=		5.0U
Silver	ug/L		1.0U		5.0U		1.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-296B		2-296B		2-297B		2-297B	
	Sample Number	GW0005		GW1013		GW0035		GW1075	
	Sample Date	01-JUL-99		15-OCT-99		06-JUL-99		25-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		10.0U		7.8J		10.0U
Barium	ug/L		410=		474=		299=		131=
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		1.0U		5.0U		30.4=		25.9=
Lead	ug/L		2.0U		3.0U		2.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		1.0U		4.0U		2.1J		4.0U
Selenium	ug/L		4.0U		5.0U		4.0U		5.0U
Silver	ug/L		1.0U		5.0U		1.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-298B		2-299B		2-299B		2-300B	
	Sample Number	GW1102		GW0021		GW1035		GW0966	
	Sample Date	27-OCT-99		02-JUL-99		18-OCT-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		6.6J		10.0U		10.0U
Barium	ug/L		380=		78.8=		111=		1460=
Cadmium	ug/L		3.0U		1.0U		3.0U		3.0U
Chromium, Total	ug/L		6.0=		18.4=		54.7=		5.0U
Lead	ug/L		4.3=		2.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		162=		70.1=		166=		14.1=
Selenium	ug/L		5.0U		4.0U		5.0U		5.0U
Silver	ug/L		5.0U		1.0U		5.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-301B		2-302B		2-304B		2-304B	
	Sample Number	GW0533		GW0742		GW0022		GW1089	
	Sample Date	26-AUG-99		17-SEP-99		02-JUL-99		26-OCT-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		9.6J		10.0U
Barium	ug/L		1160=		727U		157=		190=
Cadmium	ug/L		3.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		5.0U		48.6U		1.9J		5.0U
Lead	ug/L		264=		3.0U		2.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.0U		370=		6.1=		6.3=
Selenium	ug/L		5.0U		5.0U		4.0U		5.0U
Silver	ug/L		5.0U		5.0U		1.0U		5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-310B		2-311B		2-325B		2-328B
	Sample Number	GW1002		GW1003		GW1357		GW1256
	Sample Date	14-OCT-99		14-OCT-99		22-NOV-99		11-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		575=		594=		480=	892=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		470=		53.9=		7.9=	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		106=		437=		7.0=	4.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36a

Analytical Data Summary Table for Metals in the USZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-329B		2-333B		2-333B	
	Sample Number	GW1223		GW0006		GW0967	
	Sample Date	09-NOV-99		01-JUL-99		12-OCT-99	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
Arsenic	ug/L		6.0U		6.0J		10.0U
Barium	ug/L		145J		351=		362=
Cadmium	ug/L		5.0U		1.0U		3.0U
Chromium, Total	ug/L		160=		1.0U		5.0U
Lead	ug/L		3.0U		2.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U
Nickel	ug/L		217=		52.6=		31.3=
Selenium	ug/L		5.0U		4.0U		5.0U
Silver	ug/L		5.0U		1.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999
Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-334B		2-334B		2-335B		2-335B	
		Sample Number	GW0007		GW0968		GW0008		GW1014	
		Sample Date	01-JUL-99		12-OCT-99		01-JUL-99		15-OCT-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
Arsenic	ug/L			8.3J		10.0U		23.3=		46.5=
Barium	ug/L			310=		296=		31.4=		50.1=
Cadmium	ug/L			1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L			32.8=		24.7=		1970=		8320=
Lead	ug/L			2.0U		3.0U		2.0U		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			273=		235=		482=		840=
Selenium	ug/L			4.0U		5.0U		18.5=		16.7=
Silver	ug/L			1.9J		5.0U		1.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-342B		2-343B		2-344B		2-347B
	Sample Number	GW1183		GW1184		GW1358		GW1360
	Sample Date	04-NOV-99		04-NOV-99		22-NOV-99		22-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		583=		1990=		1830=	381=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		31.0=		5.0U		8.4=	111=
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		668=		8.6=		38.2=	51.4=
Selenium	ug/L		8.9J		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-348B		2-349B		2-350B		2-351B	
	Sample Number	GW1185		GW1225		GW1258		GW1261	
	Sample Date	04-NOV-99		09-NOV-99		11-NOV-99		11-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		6.0U		10.0U		10.0U
Barium	ug/L		1130=		285=		777=		963=
Cadmium	ug/L		3.0U		5.0U		3.0U		3.0U
Chromium, Total	ug/L		8.9=		10.1=		5.0U		5.0U
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		48.9=		51.9=		4.0U		4.0U
Selenium	ug/L		5.0U		5.0U		5.0U		6.4=
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	2-352B		2-355B		2-356B		2-358B			
		Sample Number	GW1361		GW0788		GW0789		GW0749			
		Sample Date	22-NOV-99		22-SEP-99		22-SEP-99		17-SEP-99			
		Aquifer Zone	USZ		USZ		USZ		USZ			
Parameter	**Units**											
Arsenic	ug/L			10.0U		10.0U		10.0U		10.0U		
Barium	ug/L			345=		479=		267=		210U		
Cadmium	ug/L			3.0U		3.0U		3.0U		3.0U		
Chromium, Total	ug/L			5.0U		32.9=		5.4=		5.0U		
Lead	ug/L			3.0U		3.6=		3.0U		3.0U		
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U		
Nickel	ug/L			6.7=		230=		78.7=		10.9U		
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U		
Silver	ug/L			5.0U		5.0U		5.0U		5.0U		

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-359B		2-392B		2-393B		2-394B
	Sample Number	GW0750		GW0918		GW0919		GW1207
	Sample Date	17-SEP-99		06-OCT-99		06-OCT-99		08-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U		6.0U
Barium	ug/L		774U		283=		123=		627=
Cadmium	ug/L		3.0U		3.0U		3.0U		5.0U
Chromium, Total	ug/L		5.0U		41.0=		89.4=		9.3J
Lead	ug/L		3.0U		3.3=		4.0=		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.0U		23.5=		12.2=		11.1J
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-395B		2-396B		2-397B		2-398B
	Sample Number	GW1434		GW1209		GW0937		GW0895
	Sample Date	30-NOV-99		08-NOV-99		07-OCT-99		04-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		6.0U		10.0U	6.0U
Barium	ug/L		747=		443=		499=	527=
Cadmium	ug/L		3.0U		5.0U		3.0U	1.0U
Chromium, Total	ug/L		5.0U		5.0U		22.8=	31.8=
Lead	ug/L		3.0U		3.0U		3.0U	2.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.0U		6.4J		38.1=	334=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-399B		2-405B		2-406B		2-409B
	Sample Number	GW1212		GW0923		GW0924		GW1214
	Sample Date	08-NOV-99		07-OCT-99		07-OCT-99		08-NOV-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		10.0U		6.0U
Barium	ug/L		254=		296=		510=		506=
Cadmium	ug/L		5.0U		3.0U		3.0U		5.0U
Chromium, Total	ug/L		6.3J		29.0=		334=		5.7J
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		24.5J		335=		289=		10.8J
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-410B		2-418B		2-62B		2-63B
	Sample Number	GW1079		GW1081		GW0900		GW0902
	Sample Date	26-OCT-99		26-OCT-99		05-OCT-99		05-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	13.6=
Barium	ug/L		535=		558=		74.6=	221=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		5.5=		189=		342=	278=
Lead	ug/L		3.0U		3.0U		3.4=	4.9=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.0U		120=		124=	29.7=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-64B		2-65B		2-66B		2-67A
	Sample Number	GW0905		GW0907		GW0862		GW0853
	Sample Date	05-OCT-99		05-OCT-99		30-SEP-99		30-SEP-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		6.0U		11.5U
Barium	ug/L		272=		306=		838=		9570=
Cadmium	ug/L		3.0U		3.0U		1.0U		1.0U
Chromium, Total	ug/L		80.2=		5.0U		99.8=		1.0U
Lead	ug/L		3.0U		3.0U		3.1U		3.8U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		208=		17.5=		39.0J		2.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		1.0U		1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	2-67B		2-68A		2-68B		2AR
	Sample Number	GW0854		GW0855		GW0856		GW0972
	Sample Date	30-SEP-99		30-SEP-99		30-SEP-99		13-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	10.0U
Barium	ug/L		613=		577=		455=	2030=
Cadmium	ug/L		1.0U		1.0U		1.0U	3.0U
Chromium, Total	ug/L		6.5J		13.0=		5.7J	5.0U
Lead	ug/L		2.4U		7.7U		3.4U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.1J		26.4J		28.7J	21.3=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.2U		1.1U		1.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

		StationID	3A		41AR		42AR		43AR	
		Sample Number	GW0941		GW1415		GW1420		GW0948	
		Sample Date	11-OCT-99		29-NOV-99		29-NOV-99		11-OCT-99	
		Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**									
Arsenic	ug/L			10.0U		10.0U		10.0U		20.2=
Barium	ug/L			1330=		223=		2430=		110=
Cadmium	ug/L			3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L			5.0U		8.0=		5.0U		56.6=
Lead	ug/L			3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		.	0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			4.0U		248=		55.9=		23.3=
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U
Silver	ug/L			5.0U		5.0U		5.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	45AR		45AR		46AR		46AR
	Sample Number	GW0038		GW1066		GW0040		GW1106
	Sample Date	07-JUL-99		25-OCT-99		07-JUL-99		28-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		6.0U	10.0U
Barium	ug/L		334=		385=		183=	169=
Cadmium	ug/L		1.0U		3.0U		1.0U	3.0U
Chromium, Total	ug/L		3.0J		39.7=		39.8=	38.7=
Lead	ug/L		3.0U		5.2=		3.0U	3.8=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.8J		23.4=		2.0U	4.0U
Selenium	ug/L		6.6=		5.0U		5.0U	5.0U
Silver	ug/L		1.0U		5.0U		1.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	47AR		47AR		4AR		58BR
	Sample Number	GW0041		GW1111		GW0975		GW0747
	Sample Date	07-JUL-99		28-OCT-99		13-OCT-99		17-SEP-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		10.0U	10.0U
Barium	ug/L		312=		293=		531=	650U
Cadmium	ug/L		1.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		55.5=		5.0U		5.0U	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		54.6=		4.0U		7.4=	122U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.0U		5.0U		5.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	59B		5AR		5C		6
	Sample Number	GW1045		GW0955		GW0958		GW0807
	Sample Date	20-OCT-99		12-OCT-99		12-OCT-99		24-SEP-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		210=		103=		182=	588=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		5.0U		80.9=		26.9=	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		41.6=		4.0U		29.5=	4.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	61A		62		75B		75B
	Sample Number	GW0875		GW0877		GW0014		GW1084
	Sample Date	01-OCT-99		01-OCT-99		02-JUL-99		26-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		8.3J	10.0U
Barium	ug/L		1920=		709=		110=	134=
Cadmium	ug/L		1.0U		1.0U		1.0U	3.0U
Chromium, Total	ug/L		1.0U		2.3J		1.0U	5.0U
Lead	ug/L		2.0U		2.0U		2.0U	7.0=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		2.9J		2.2J		28.2=	33.8=
Selenium	ug/L		5.0U		5.0U		4.0U	5.0U
Silver	ug/L		1.1U		1.0U		1.2J	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	76A		76A		77A		78A
	Sample Number	GW0046		GW0978		GW0943		GW0959
	Sample Date	07-JUL-99		13-OCT-99		11-OCT-99		12-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		10.0U	10.0U
Barium	ug/L		823=		849=		1450=	314=
Cadmium	ug/L		1.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		2.3J		5.0U		5.0U	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		36.3=		38.9=		4.0U	4.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.0U		5.0U		5.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	79BR		79BR		83BR		83BR
	Sample Number	GW0029		GW1056		GW0015		GW1086
	Sample Date	06-JUL-99		21-OCT-99		02-JUL-99		26-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		18.6=		10.0U		9.1J		10.0U
Barium	ug/L		324=		314=		267=		127=
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		294=		382=		13.1=		5.0U
Lead	ug/L		2.0U		3.0U		2.0U		4.1=
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		188=		157=		26.1=		7.9=
Selenium	ug/L		4.0U		5.0U		4.0U		5.0U
Silver	ug/L		1.0U		5.0U		1.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	84B		84B		85C		86B
	Sample Number	GW0030		GW1060		GW0891		GW0963
	Sample Date	06-JUL-99		21-OCT-99		04-OCT-99		12-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		6.0U		10.0U
Barium	ug/L		445=		438=		1000=		71.2=
Cadmium	ug/L		1.0U		3.0U		1.0U		3.0U
Chromium, Total	ug/L		5.7=		5.0U		1.0U		5.0U
Lead	ug/L		2.0U		3.0U		2.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		1.2J		4.0U		2.0U		4.0U
Selenium	ug/L		4.0U		5.0U		5.0U		5.0U
Silver	ug/L		1.0J		5.0U		1.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	9A		EX-A01		EX-A02		EX-A02
	Sample Number	GW0994		GW1122		GW0297		GW1123
	Sample Date	14-OCT-99		29-OCT-99		02-AUG-99		29-OCT-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		6.0U		6.0U	6.0U
Barium	ug/L		509=		76.6J		106=	111J
Cadmium	ug/L		3.0U		5.0U		1.0U	5.0U
Chromium, Total	ug/L		5.0U		5.0U		1.0U	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	4.2=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.0U		25.6J		2.0U	5.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		1.0U	5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A05		EX-A05		EX-A06		EX-A07
	Sample Number	GW0287		GW1125		GW1126		GW0298
	Sample Date	30-JUL-99		29-OCT-99		29-OCT-99		02-AUG-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	6.0U
Barium	ug/L		172=		170J		268=	247=
Cadmium	ug/L		1.0U		5.0U		5.0U	1.0U
Chromium, Total	ug/L		29.1=		24.4=		5.0U	1.0U
Lead	ug/L		9.4=		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		2.0U		5.0U		5.0U	2.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.0U		5.0U		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A07		EX-A08		EX-A08		EX-A09
	Sample Number	GW1127		GW0289		GW1134		GW0299
	Sample Date	29-OCT-99		30-JUL-99		01-NOV-99		02-AUG-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	6.0U
Barium	ug/L		229=		300=		352=	382=
Cadmium	ug/L		5.0U		2.1J		5.0U	1.0U
Chromium, Total	ug/L		5.0U		1.0U		5.0U	1.0U
Lead	ug/L		3.0U		10.7=		3.0U	3.3=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.0U		2.0U		18.3J	2.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		1.0U		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A09		EX-A10		EX-A10		EX-A12
	Sample Number	GW1135		GW0290		GW1136		GW0300
	Sample Date	01-NOV-99		30-JUL-99		01-NOV-99		02-AUG-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.2J		6.0U	6.0U
Barium	ug/L		466=		323=		375=	231=
Cadmium	ug/L		5.0U		1.0U		5.0U	1.0U
Chromium, Total	ug/L		5.0U		2.4J		5.0U	3.9J
Lead	ug/L		3.0U		3.5=		3.0U	6.7=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.0U		3.6J		5.0U	2.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		1.0U		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-A12		EX-B01		EX-B01		EX-B02
	Sample Number	GW1138		GW0285		GW1128		GW0301
	Sample Date	01-NOV-99		30-JUL-99		29-OCT-99		02-AUG-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	6.0U
Barium	ug/L		231=		59.5=		58.3J	78.4=
Cadmium	ug/L		5.0U		1.0U		5.0U	1.0U
Chromium, Total	ug/L		5.8J		1.0U		5.0U	1.0U
Lead	ug/L		3.0U		33.0=		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.0U		2.0U		5.0U	2.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		1.8J		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B02		EX-B03		EX-B03		EX-B04
	Sample Number	GW1130		GW0286		GW1131		GW0302
	Sample Date	29-OCT-99		30-JUL-99		29-OCT-99		02-AUG-99
	Aquifer Zone	USZ		USZ		USZ		USZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	6.0U
Barium	ug/L		53.6J		76.3=		83.2J	196=
Cadmium	ug/L		5.0U		1.3J		5.0U	1.0U
Chromium, Total	ug/L		5.0U		1.8J		5.0U	1.0U
Lead	ug/L		3.0U		41.9=		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		5.0U		2.0J		5.0U	12.2=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		1.0U		5.0U	1.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B04		EX-B05		EX-B06		EX-B06	
	Sample Number	GW1132		GW1139		GW0284		GW1140	
	Sample Date	29-OCT-99		01-NOV-99		30-JUL-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ		USZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		6.0U		6.0U		6.0U
Barium	ug/L		189J		169J		89.1=		119J
Cadmium	ug/L		5.0U		5.0U		2.6J		5.0U
Chromium, Total	ug/L		5.0U		26.1=		227=		328=
Lead	ug/L		3.0U		3.0U		123=		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		8.2J		5.0U		2.0U		5.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		1.0U		5.0U

TABLE A.36b

Analytical Data Summary Table for Metals in the USZ for 1999

Tinker AFB, Oklahoma City, Oklahoma

	StationID	EX-B07		EX-B08		EX-B08	
	Sample Number	GW0291		GW0292		GW1143	
	Sample Date	02-AUG-99		02-AUG-99		01-NOV-99	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
Arsenic	ug/L		6.0U		6.0U		6.0U
Barium	ug/L		439=		250=		237=
Cadmium	ug/L		1.0U		1.0U		5.0U
Chromium, Total	ug/L		1.0U		1.0U		5.0U
Lead	ug/L		4.7=		5.0=		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U
Nickel	ug/L		2.0J		3.8J		5.0U
Selenium	ug/L		5.0U		5.0U		5.0U
Silver	ug/L		1.0U		1.0U		5.0U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10C		11B		13A		1-65C	
	Sample Number	GW1025		GW1029		GW0810		GW0095	
	MinOfSamp Date	19-OCT-99		18-OCT-99		24-SEP-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1UJ		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1UJ		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5UJ		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10C		11B		13A		1-65C	
	Sample Number	GW1025		GW1029		GW0810		GW0095	
	MinOfSamp Date	19-OCT-99		18-OCT-99		24-SEP-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1R		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1UJ		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1UJ
Trichlorofluoromethane	ug/L		1U		1U		1UJ		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-65C		1-66A		1-66A		1-66C	
	Sample Number	GW1606		GW0096		GW1607		GW0098	
	MinOfSamp Date	17-DEC-99		12-JUL-99		17-DEC-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1UJ		1U		1UJ		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1UJ		1U		1UJ		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5R		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-65C		1-66A		1-66A		1-66C	
	Sample Number	GW1606		GW0096		GW1607		GW0098	
	MinOfSamp Date	17-DEC-99		12-JUL-99		17-DEC-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L	1U		1U		1U		1U	
Bromomethane	ug/L	1U		1U		1U		1U	
Carbon Tetrachloride	ug/L	1UJ		1U		1UJ		1U	
Chlorobenzene	ug/L	1U		1U		1U		1U	
Chloroethane	ug/L	1U		1U		1U		1U	
Chloroform	ug/L	1U		1U		1U		1U	
Chloromethane	ug/L	1U		1U		1U		1U	
cis-1,2-Dichloroethene	ug/L	1U		1U		1U		1U	
Dibromochloromethane	ug/L	1U		1U		1U		1U	
Dibromomethane	ug/L	1U		1U		1U		1U	
Dichlorodifluoromethane	ug/L	1UJ		1U		1UJ		1U	
Ethylbenzene	ug/L	1U		1U		1U		1U	
Hexachlorobutadiene	ug/L	1U		1U		1U		1U	
Isopropylbenzene (Cumene)	ug/L	1U		1U		1U		1U	
m&p-Xylenes	ug/L	1U		1U		1U		1U	
Methylene Chloride	ug/L	1U		1UJ		1U		1UJ	
n-Butylbenzene	ug/L	1U		1U		1U		1U	
n-Propylbenzene	ug/L	1U		1U		1U		1U	
Naphthalene	ug/L	1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	ug/L	1U		1U		1U		1U	
Sec-butylbenzene	ug/L	1U		1U		1U		1U	
Styrene	ug/L	1U		1U		1U		1U	
tert-butylbenzene	ug/L	1U		1U		1U		1U	
Tetrachloroethene	ug/L	1U		1U		1U		1U	
Toluene	ug/L	1U		1U		1U		1U	
trans-1,2-Dichloroethene	ug/L	1U		1U		1U		1U	
Trichloroethene	ug/L	1U		1UJ		1U		1UJ	
Trichlorofluoromethane	ug/L	1UJ		1U		1UJ		1U	
Vinyl Chloride	ug/L	1U		1U		1U		1U	

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66C		1-67A		1-67A		1-67C	
	Sample Number	GW1609		GW0125		GW1662		GW0127	
	MinOfSamp Date	17-DEC-99		14-JUL-99		22-DEC-99		14-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1UJ		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1UJ		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5R		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66C		1-67A		1-67A		1-67C	
	Sample Number	GW1609		GW0125		GW1662		GW0127	
	MinOfSamp Date	17-DEC-99		14-JUL-99		22-DEC-99		14-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1UJ		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1UJ		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1UJ		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67C		1C		2-106A		2-111A	
	Sample Number	GW1664		GW0993		GW0520		GW0523	
	MinOfSamp Date	22-DEC-99		14-OCT-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1UJ		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1UJ		1UJ
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1R
1,2-Dichloroethane	ug/L		1U		1.5=		1U		1R
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1R
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		0.5J		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67C		1C		2-106A		2-111A	
	Sample Number	GW1664		GW0993		GW0520		GW0523	
	MinOfSamp Date	22-DEC-99		14-OCT-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1UJ
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-112A		2-113A		2-114A		2-115A	
	Sample Number	GW0738		GW0740		GW0743		GW0655	
	MinOfSamp Date	17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1UJ
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1UJ
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1-Dichloroethane	ug/L		1U		1U		1U		1UJ
1,1-Dichloroethene	ug/L		1UJ		1UJ		1UJ		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1UJ
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1UJ
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1UJ
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1UJ
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1UJ
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1UJ
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1UJ
1,2-Dichloroethane	ug/L		1UJ		1UJ		1UJ		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1UJ
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1UJ
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1UJ
1,3-Dichloropropane	ug/L		1U		1U		1U		1UJ
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1UJ
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ
2-Butanone	ug/L		5R		5R		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1UJ
4-Chlorotoluene	ug/L		1U		1U		1U		1UJ
4-Isopropyltoluene	ug/L		1U		1U		1U		1UJ
Acetone	ug/L		5R		5R		5R		5R
Benzene	ug/L		1U		1U		1U		1UJ
Bromobenzene	ug/L		1U		1U		1U		1UJ
Bromochloromethane	ug/L		1U		1U		1U		1UJ
Bromodichloromethane	ug/L		1U		1U		1U		1UJ

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-112A		2-113A		2-114A		2-115A	
	Sample Number	GW0738		GW0740		GW0743		GW0655	
	MinOfSamp Date	17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1UJ		1UJ		1UJ		1UJ
Bromomethane	ug/L		1UJ		1UJ		1UJ		1UJ
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ
Chlorobenzene	ug/L		1U		1U		1U		1UJ
Chloroethane	ug/L		1UJ		1UJ		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1UJ
Chloromethane	ug/L		1U		1U		1U		1UJ
cis-1,2-Dichloroethene	ug/L		1U		1UJ		1U		1UJ
Dibromochloromethane	ug/L		1U		1U		1U		1UJ
Dibromomethane	ug/L		1UJ		1UJ		1UJ		1UJ
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1UJ
Hexachlorobutadiene	ug/L		1U		1U		1U		1UJ
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1UJ
m&p-Xylenes	ug/L		1U		1U		1U		1UJ
Methylene Chloride	ug/L		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1UJ
n-Propylbenzene	ug/L		1U		1U		1U		1UJ
Naphthalene	ug/L		1UJ		1UJ		1UJ		1UJ
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1UJ
Sec-butylbenzene	ug/L		1U		1U		1U		1UJ
Styrene	ug/L		1U		1U		1U		1UJ
tert-butylbenzene	ug/L		1U		1U		1U		1UJ
Tetrachloroethene	ug/L		1U		1U		1U		1UJ
Toluene	ug/L		1U		1U		1U		1UJ
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1UJ
Trichloroethene	ug/L		1U		1U		1.9=		0.9J
Trichlorofluoromethane	ug/L		1U		1U		1U		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1UJ

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-12		2-122C		2-123C		2-124C	
	Sample Number	GW0882		GW0887		GW0868		GW0841	
	MinOfSamp Date	04-OCT-99		04-OCT-99		01-OCT-99		28-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1UJ		1UJ		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		3J		1UJ		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1UJ		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5R		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1UJ		1UJ		1U
Bromodichloromethane	ug/L		1U		1U		1UJ		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-12		2-122C		2-123C		2-124C	
	Sample Number	GW0882		GW0887		GW0868		GW0841	
	MinOfSamp Date	04-OCT-99		04-OCT-99		01-OCT-99		28-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1R		1R		1R		1R
Carbon Tetrachloride	ug/L		1UJ		1.9J		1UJ		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1U		1UJ
Chloroform	ug/L		1U		4.5=		1U		1U
Chloromethane	ug/L		1U		1U		1UJ		1U
cis-1,2-Dichloroethene	ug/L		1UJ		1UJ		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		0.5J		1UJ		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1UJ		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1UJ
o-Xylene (1,2-dimethylbenzene)	ug/L		1UJ		1UJ		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		2.5=		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-124D		2-125C		2-126C		2-127C	
	Sample Number	GW0842		GW1094		GW1008		GW1033	
	MinOfSamp Date	28-SEP-99		27-OCT-99		15-OCT-99		18-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		0.7J		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-124D		2-125C		2-126C		2-127C	
	Sample Number	GW0842		GW1094		GW1008		GW1033	
	MinOfSamp Date	28-SEP-99		27-OCT-99		15-OCT-99		18-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1R		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1J		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		0.7J		1U		1U
Trichlorofluoromethane	ug/L		1UJ		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-128C		2-129C		2-13		2-130C	
	Sample Number	GW1097		GW1051		GW0883		GW1073	
	MinOfSamp Date	27-OCT-99		20-OCT-99		04-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1UJ		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1UJ		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1UJ		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5UJ		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1UJ		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-128C		2-129C		2-13		2-130C	
	Sample Number	GW1097		GW1051		GW0883		GW1073	
	MinOfSamp Date	27-OCT-99		20-OCT-99		04-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1R		1U
Carbon Tetrachloride	ug/L		1U		1U		2.6J		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1UJ		1U
Chloroform	ug/L		1U		1U		1.8=		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1UJ		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1UJ		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1UJ		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1UJ		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1.9=		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131C		2-132C		2-133C		2-134A	
	Sample Number	GW1153		GW1099		GW1118		GW0846	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		0.9J
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		16J
1,2-Dichloropropane	ug/L		1U		1U		1U		1.7=
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131C		2-132C		2-133C		2-134A	
	Sample Number	GW1153		GW1099		GW1118		GW0846	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		160J
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U		250=
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		4.5=
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		0.9J
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		22=
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-135A		2-135C		2-136A		2-136C	
	Sample Number	GW0849		GW0852		GW0997		GW0999	
	MinOfSamp Date	29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1UJ		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1UJ		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		74J		1.8J		0.9J		1U
1,2-Dichloropropane	ug/L		2.7=		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1UJ		1UJ		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5U		5U
Benzene	ug/L		0.6J		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-135A		2-135C		2-136A		2-136C	
	Sample Number	GW0849		GW0852		GW0997		GW0999	
	MinOfSamp Date	29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1R		1R		1U		1U
Carbon Tetrachloride	ug/L		250J		56=		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1U		1U
Chloroform	ug/L		670=		33=		0.7J		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1.6=		1U		15=		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1UJ		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		2J		1UJ		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		28=		4.1=		7.7=		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-137A		2-137C		2-138A		2-141A	
	Sample Number	GW1189		GW1191		GW1248		GW0932	
	MinOfSamp Date	05-NOV-99		05-NOV-99		11-NOV-99		07-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1R		1R		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-137A		2-137C		2-138A		2-141A	
	Sample Number	GW1189		GW1191		GW1248		GW0932	
	MinOfSamp Date	05-NOV-99		05-NOV-99		11-NOV-99		07-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		0.5J		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1UJ		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1.6=		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-142A		2-143A		2-143C		2-144A	
	Sample Number	GW0926		GW1174		GW1176		GW1204	
	MinOfSamp Date	07-OCT-99		04-NOV-99		04-NOV-99		08-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		0.9J
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U		0.7J
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5R		5R		5UJ
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5R		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-142A		2-143A		2-143C		2-144A
	Sample Number	GW0926		GW1174		GW1176		GW1204
	MinOfSamp Date	07-OCT-99		04-NOV-99		04-NOV-99		08-NOV-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Bromoform	ug/L		1U		1U		1U	1U
Bromomethane	ug/L		1UJ		1U		1U	1U
Carbon Tetrachloride	ug/L		1U		1U		1U	35=
Chlorobenzene	ug/L		1U		1U		1U	1U
Chloroethane	ug/L		1UJ		1U		1U	1U
Chloroform	ug/L		1U		1U		1U	5.3=
Chloromethane	ug/L		1UJ		1U		1U	1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U	6.7=
Dibromochloromethane	ug/L		1U		1U		1U	1U
Dibromomethane	ug/L		1U		1U		1U	1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U	1U
Ethylbenzene	ug/L		1U		1U		1U	1U
Hexachlorobutadiene	ug/L		1U		1U		1U	1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U	1U
m&p-Xylenes	ug/L		1U		1U		1U	1U
Methylene Chloride	ug/L		1J		1U		1U	1U
n-Butylbenzene	ug/L		1U		1U		1U	1U
n-Propylbenzene	ug/L		1U		1U		1U	1U
Naphthalene	ug/L		1UJ		1U		1UJ	1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U	1U
Sec-butylbenzene	ug/L		1U		1U		1U	1U
Styrene	ug/L		1U		1U		1U	1U
tert-butylbenzene	ug/L		1U		1U		1U	1U
Tetrachloroethene	ug/L		1U		1U		1U	1U
Toluene	ug/L		1U		1U		1U	1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U	0.5J
Trichloroethene	ug/L		1U		11=		1U	710=
Trichlorofluoromethane	ug/L		1U		1U		1U	1U
Vinyl Chloride	ug/L		1U		1U		1U	1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-144C		2-147C		2-18		2-19A	
	Sample Number	GW1206		GW0815		GW0869		GW0870	
	MinOfSamp Date	08-NOV-99		24-SEP-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1UJ		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1UJ		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1UJ		1UJ		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1UJ		1UJ
2-Butanone	ug/L		5UJ		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5UJ		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1UJ		1UJ		1UJ
Bromodichloromethane	ug/L		1U		1U		1UJ		1UJ

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-144C		2-147C		2-18		2-19A	
	Sample Number	GW1206		GW0815		GW0869		GW0870	
	MinOfSamp Date	08-NOV-99		24-SEP-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1UJ		1U		1U
Bromomethane	ug/L		1U		1R		1R		1R
Carbon Tetrachloride	ug/L		1U		1U		1UJ		1UJ
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1UJ		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1UJ		1UJ
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1UJ		1UJ		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1UJ		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-20A		2-216C		2-217C		2-21A	
	Sample Number	GW0872		GW1148		GW1012		GW0529	
	MinOfSamp Date	01-OCT-99		02-NOV-99		15-OCT-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1UJ
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1R
1,2-Dichloroethane	ug/L		7.3J		1U		1U		1R
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1R
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		3.4J		19=		5R
Benzene	ug/L		1U		1U		1.7=		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1U		1U		1U
Bromodichloromethane	ug/L		1UJ		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-20A		2-216C		2-217C		2-21A	
	Sample Number	GW0872		GW1148		GW1012		GW0529	
	MinOfSamp Date	01-OCT-99		02-NOV-99		15-OCT-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1R		1U		1U		1UJ
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		8.7J		1U		5.8=		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1.1J		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		0.6J		1U
Methylene Chloride	ug/L		1UJ		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		0.8J		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		34=		1U		1.3=		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		0.5J		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-22		2-274A		2-278A		2-280A	
	Sample Number	GW0884		GW0916		GW1177		GW1218	
	MinOfSamp Date	04-OCT-99		06-OCT-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1.9=		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1.7J		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		0.8J		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		0.8J		1U		1U
2,2-Dichloropropane	ug/L		1U		1UJ		1U		1U
2-Butanone	ug/L		5U		5U		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-22		2-274A		2-278A		2-280A	
	Sample Number	GW0884		GW0916		GW1177		GW1218	
	MinOfSamp Date	04-OCT-99		06-OCT-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1R		1R		1U		1U
Carbon Tetrachloride	ug/L		1UJ		1U		1U		1U
Chlorobenzene	ug/L		1U		5=		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1UJ		15=		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1UJ		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1UJ		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1UJ		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1UJ		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		17=		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		0.8J		1U		1U
Trichloroethene	ug/L		1U		25J		1U		1U
Trichlorofluoromethane	ug/L		1U		1UJ		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A		2-282A		2-283A		2-284A	
	Sample Number	GW1180		GW1252		GW1182		GW1220	
	MinOfSamp Date	04-NOV-99		11-NOV-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		3=
1,2-Dichloropropane	ug/L		1U		1U		1U		1.9=
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5R		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		2.7J		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A		2-282A		2-283A		2-284A	
	Sample Number	GW1180		GW1252		GW1182		GW1220	
	MinOfSamp Date	04-NOV-99		11-NOV-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		15=		41=
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		4.5=		74=
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		14=
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1U		1UJ		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		7.2=
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		0.9J
Trichloroethene	ug/L		6.7=		1U		110=		580=
Trichlorofluoromethane	ug/L		1U		1U		1U		7.3=
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285A		2-285C		2-286A		2-286C	
	Sample Number	GW1426		GW1428		GW0984		GW0985	
	MinOfSamp Date	30-NOV-99		30-NOV-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		7.2=		1U		3.9=		0.9J
1,2-Dichloropropane	ug/L		2.3=		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285A		2-285C		2-286A		2-286C
	Sample Number	GW1426		GW1428		GW0984		GW0985
	MinOfSamp Date	30-NOV-99		30-NOV-99		13-OCT-99		13-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Bromoform	ug/L		1U		1U		1U	1U
Bromomethane	ug/L		1U		1U		1U	1U
Carbon Tetrachloride	ug/L		160=		1U		34=	14=
Chlorobenzene	ug/L		1U		1U		1U	1U
Chloroethane	ug/L		1U		1U		1U	1U
Chloroform	ug/L		150=		1U		16=	11=
Chloromethane	ug/L		1U		1U		1U	1U
cis-1,2-Dichloroethene	ug/L		5.1=		1U		22=	1U
Dibromochloromethane	ug/L		1U		1U		1U	1U
Dibromomethane	ug/L		1U		1U		1U	1U
Dichlorodifluoromethane	ug/L		1U		1U		1U	1U
Ethylbenzene	ug/L		1U		1U		1U	1U
Hexachlorobutadiene	ug/L		1U		1U		1U	1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U	1U
m&p-Xylenes	ug/L		1U		1U		1U	1U
Methylene Chloride	ug/L		2.2=		1.5=		1U	1U
n-Butylbenzene	ug/L		1U		1U		1U	1U
n-Propylbenzene	ug/L		1U		1U		1U	1U
Naphthalene	ug/L		1U		1U		1U	1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U	1U
Sec-butylbenzene	ug/L		1U		1U		1U	1U
Styrene	ug/L		1U		1U		1U	1U
tert-butylbenzene	ug/L		1U		1U		1U	1U
Tetrachloroethene	ug/L		1U		1U		1U	1U
Toluene	ug/L		1U		1U		1U	1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U	1U
Trichloroethene	ug/L		15=		1U		13=	1.6=
Trichlorofluoromethane	ug/L		1U		1U		1U	1U
Vinyl Chloride	ug/L		1U		1U		1U	1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-287AR		2-288A		2-289A		2-325A	
	Sample Number	GW0986		GW0987		GW1001		GW1356	
	MinOfSamp Date	13-OCT-99		13-OCT-99		14-OCT-99		22-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		0.6J		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-287AR		2-288A		2-289A		2-325A	
	Sample Number	GW0986		GW0987		GW1001		GW1356	
	MinOfSamp Date	13-OCT-99		13-OCT-99		14-OCT-99		22-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		12=		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		5.7=		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		35=		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-328A		2-329A		2-349A		2-349C	
	Sample Number	GW1255		GW1222		GW1224		GW1226	
	MinOfSamp Date	11-NOV-99		09-NOV-99		09-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		2.2=		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		4.4=		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5UJ		5R		5UJ
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5R		5R		5R
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-328A		2-329A		2-349A		2-349C	
	Sample Number	GW1255		GW1222		GW1224		GW1226	
	MinOfSamp Date	11-NOV-99		09-NOV-99		09-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		90=		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		18=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		71=		1U		3.5=		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		4.5=		1U		1U		1U
Trichloroethene	ug/L		2400=		1U		7.3=		2.7=
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-351A		2-351C		2-374A		2-395A	
	Sample Number	GW1259		GW1262		GW1362		GW1432	
	MinOfSamp Date	11-NOV-99		11-NOV-99		22-NOV-99		30-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		83=
1,2-Dichloropropane	ug/L		1U		1U		1U		5.8=
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-351A		2-351C		2-374A		2-395A	
	Sample Number	GW1259		GW1262		GW1362		GW1432	
	MinOfSamp Date	11-NOV-99		11-NOV-99		22-NOV-99		30-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		4.8=		1U		2.5=		220=
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1.4=		1U		1U		450=
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		9=		1U		1U		16=
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		0.9J		1U		1U		1U
Trichloroethene	ug/L		610=		5.7=		1U		25=
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396A		2-397A		2-398A		2-399A							
	Sample Number	GW1208		GW0936		GW0894		GW1211							
	MinOfSamp Date	08-NOV-99		07-OCT-99		04-OCT-99		08-NOV-99							
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ							
Parameter	**Units**														
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U						
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U						
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U						
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U						
1,1-Dichloroethane	ug/L		0.9J		1U		1U		1U						
1,1-Dichloroethene	ug/L		2.2=		1U		5.6J		1U						
1,1-Dichloropropene	ug/L		1U		1U		1U		1U						
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U						
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U						
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U						
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U						
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1UJ		1U						
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U						
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U						
1,2-Dichloroethane	ug/L		1.6=		16=		800J		1U						
1,2-Dichloropropane	ug/L		1U		1.5=		7.3=		1U						
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U						
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U						
1,3-Dichloropropane	ug/L		1U		1U		1U		1U						
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U						
2,2-Dichloropropane	ug/L		1U		1U		1U		1U						
2-Butanone	ug/L		5UJ		5U		5U		5UJ						
2-Chlorotoluene	ug/L		1U		1U		1U		1U						
4-Chlorotoluene	ug/L		1U		1U		1U		1U						
4-Isopropyltoluene	ug/L		1U		1U		1U		1U						
Acetone	ug/L		5R		5U		5UJ		5R						
Benzene	ug/L		1U		1U		1U		1U						
Bromobenzene	ug/L		1U		1U		1U		1U						
Bromochloromethane	ug/L		1U		1U		1U		1U						
Bromodichloromethane	ug/L		1U		1U		1U		1U						

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396A		2-397A		2-398A		2-399A	
	Sample Number	GW1208		GW0936		GW0894		GW1211	
	MinOfSamp Date	08-NOV-99		07-OCT-99		04-OCT-99		08-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1R		1U
Carbon Tetrachloride	ug/L		24=		110=		14=		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1UJ		1U
Chloroform	ug/L		15=		200=		100=		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		0.8J		4.8=		23=		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1UJ		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1UJ		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		0.7J		2.4=		3.3=		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		160=		21=		79=		340=
Trichlorofluoromethane	ug/L		1U		1U		1UJ		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-409A		2-411A		2-412A		2-62A	
	Sample Number	GW1213		GW1195		GW0938		GW0899	
	MinOfSamp Date	08-NOV-99		05-NOV-99		07-OCT-99		05-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		0.9J		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5UJ		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5R		5U		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-409A		2-411A		2-412A		2-62A	
	Sample Number	GW1213		GW1195		GW0938		GW0899	
	MinOfSamp Date	08-NOV-99		05-NOV-99		07-OCT-99		05-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		220=		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1UJ
Chloroform	ug/L		11=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1J		1U		1U		1UJ
Trichlorofluoromethane	ug/L		1U		1U		1U		1UJ
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-63A		2-64A		2-65A		2-66C	
	Sample Number	GW0901		GW0903		GW0906		GW0863	
	MinOfSamp Date	05-OCT-99		05-OCT-99		05-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1UJ		1UJ
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1UJ		1UJ		3J
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ
2-Butanone	ug/L		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5UJ		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1UJ

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-63A		2-64A		2-65A		2-66C	
	Sample Number	GW0901		GW0903		GW0906		GW0863	
	MinOfSamp Date	05-OCT-99		05-OCT-99		05-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1UJ
Bromomethane	ug/L		1R		1R		1R		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		130J
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1UJ		1UJ
Chloroform	ug/L		1U		1U		1U		120=
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1UJ		1UJ		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1UJ		1UJ		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1UJ		1UJ		1UJ		18=
Trichlorofluoromethane	ug/L		1UJ		1UJ		1UJ		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-68C		2C		3B		41C	
	Sample Number	GW0857		GW0974		GW0942		GW1418	
	MinOfSamp Date	30-SEP-99		13-OCT-99		11-OCT-99		29-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		5.9J		1U		1U		1U
1,2-Dichloropropane	ug/L		1.3=		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1UJ		1U		1U		1U
2-Butanone	ug/L		5R		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		0.5J		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1UJ		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-68C		2C		3B		41C	
	Sample Number	GW0857		GW0974		GW0942		GW1418	
	MinOfSamp Date	30-SEP-99		13-OCT-99		11-OCT-99		29-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1UJ		1U		1U		1U
Bromomethane	ug/L		1R		1U		1U		1U
Carbon Tetrachloride	ug/L		270J		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1U
Chloroform	ug/L		290=		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1.8=		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		21=		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41D		42C		43C		45CR	
	Sample Number	GW1419		GW1421		GW0950		GW1068	
	MinOfSamp Date	29-NOV-99		29-NOV-99		11-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41D		42C		43C		45CR	
	Sample Number	GW1419		GW1421		GW0950		GW1068	
	MinOfSamp Date	29-NOV-99		29-NOV-99		11-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	45DR		46C		47C		4C	
	Sample Number	GW1069		GW1108		GW1113		GW0977	
	MinOfSamp Date	25-OCT-99		28-OCT-99		28-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	45DR		46C		47C		4C	
	Sample Number	GW1069		GW1108		GW1113		GW0977	
	MinOfSamp Date	25-OCT-99		28-OCT-99		28-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR		59AR		5B		60C	
	Sample Number	GW0746		GW1044		GW0957		GW1016	
	MinOfSamp Date	17-SEP-99		20-OCT-99		12-OCT-99		15-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1UJ		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5R		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR		59AR		5B		60C	
	Sample Number	GW0746		GW1044		GW0957		GW1016	
	MinOfSamp Date	17-SEP-99		20-OCT-99		12-OCT-99		15-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L		1UJ		1U		1U		1U
Bromomethane	ug/L		1UJ		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1UJ		1U		1U		0.6J
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1UJ		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1UJ		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		2=		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	61B		6A		76B		76D	
	Sample Number	GW0876		GW0808		GW0979		GW0982	
	MinOfSamp Date	01-OCT-99		24-SEP-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1UJ		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1UJ		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L	.	1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1UJ		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5UJ		5U		0.9J
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1U		1U		1U
Bromodichloromethane	ug/L		1UJ		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	61B		6A		76B		76D	
	Sample Number	GW0876		GW0808		GW0979		GW0982	
	MinOfSamp Date	01-OCT-99		24-SEP-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Bromoform	ug/L	1U		1U		1U		1U	
Bromomethane	ug/L	1R		1R		1U		1U	
Carbon Tetrachloride	ug/L	1U		1U		1U		1U	
Chlorobenzene	ug/L	1U		1U		2.2=		1U	
Chloroethane	ug/L	1UJ		1UJ		1U		1U	
Chloroform	ug/L	1U		1U		1U		1U	
Chloromethane	ug/L	1U		1U		1U		1U	
cis-1,2-Dichloroethene	ug/L	1UJ		1U		5.7=		1U	
Dibromochloromethane	ug/L	1U		1U		1U		1U	
Dibromomethane	ug/L	1U		1U		1U		1U	
Dichlorodifluoromethane	ug/L	1UJ		1U		1U		1U	
Ethylbenzene	ug/L	1U		1U		1U		1U	
Hexachlorobutadiene	ug/L	1U		1U		1U		1U	
Isopropylbenzene (Cumene)	ug/L	1U		1U		1U		1U	
m&p-Xylenes	ug/L	1U		1U		1U		1U	
Methylene Chloride	ug/L	1UJ		1UJ		1U		1U	
n-Butylbenzene	ug/L	1U		1U		1U		1U	
n-Propylbenzene	ug/L	1U		1U		1U		1U	
Naphthalene	ug/L	1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	ug/L	1U		1U		1U		1U	
Sec-butylbenzene	ug/L	1U		1U		1U		1U	
Styrene	ug/L	1U		1U		1U		1U	
tert-butylbenzene	ug/L	1U		1U		1U		1U	
Tetrachloroethene	ug/L	1U		1U		1U		1U	
Toluene	ug/L	1U		1U		1U		1U	
trans-1,2-Dichloroethene	ug/L	1U		1U		1U		1U	
Trichloroethene	ug/L	1U		1U		1U		1U	
Trichlorofluoromethane	ug/L	1U		1UJ		1U		1U	
Vinyl Chloride	ug/L	1U		1U		2.2=		1U	

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77C	77D	78B
	Sample Number	GW0945	GW0946	GW0960
	MinOfSamp Date	11-OCT-99	11-OCT-99	12-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ
Parameter	**Units**			
1,1,1,2-Tetrachloroethane	ug/L	1U	1U	1U
1,1,1-Trichloroethane	ug/L	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U
1,1-Dichloropropene	ug/L	1U	1U	1U
1,2,3-Trichlorobenzene	ug/L	1U	1U	1U
1,2,3-Trichloropropane	ug/L	1U	1U	1U
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U
1,2,4-Trimethylbenzene	ug/L	1U	1U	1U
1,2-Dibromo-3-chloropropane	ug/L	1U	1U	1U
1,2-Dibromoethane (ethylene Dibromic	ug/L	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	1U	1U
1,2-Dichloroethane	ug/L	1U	1U	1U
1,2-Dichloropropane	ug/L	1U	1U	1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U
1,3-Dichloropropane	ug/L	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	1U
2,2-Dichloropropane	ug/L	1U	1U	1U
2-Butanone	ug/L	5U	5U	5U
2-Chlorotoluene	ug/L	1U	1U	1U
4-Chlorotoluene	ug/L	1U	1U	1U
4-Isopropyltoluene	ug/L	1U	1U	1U
Acetone	ug/L	5U	5U	5U
Benzene	ug/L	1U	1U	1U
Bromobenzene	ug/L	1U	1U	1U
Bromochloromethane	ug/L	1U	1U	1U
Bromodichloromethane	ug/L	1U	1U	1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77C		77D		78B	
	Sample Number	GW0945		GW0946		GW0960	
	MinOfSamp Date	11-OCT-99		11-OCT-99		12-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ	
Parameter	Units						
Bromoform	ug/L		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U
Chloroform	ug/L		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U
Styrene	ug/L		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U
Toluene	ug/L		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	79C		83C		84C	
	Sample Number	GW1057		GW1087		GW1061	
	MinOfSamp Date	21-OCT-99		26-OCT-99		21-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ	
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U
Acetone	ug/L		5U		5U		5U
Benzene	ug/L		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	79C		83C		84C		
	Sample Number	GW1057		GW1087		GW1061		
	MinOfSamp Date	21-OCT-99		26-OCT-99		21-OCT-99		
	Aquifer Zone	LSZ		LSZ		LSZ		
Parameter	**Units**							
Bromoform	ug/L		1U		1U		1U	
Bromomethane	ug/L		1U		1U		1U	
Carbon Tetrachloride	ug/L		1U		1U		1U	
Chlorobenzene	ug/L		1U		1U		1U	
Chloroethane	ug/L		1U		1U		1U	
Chloroform	ug/L		1U		1U		1U	
Chloromethane	ug/L		1U		1U		1U	
cis-1,2-Dichloroethene	ug/L		1U		1U		1U	
Dibromochloromethane	ug/L		1U		1U		1U	
Dibromomethane	ug/L		1U		1U		1U	
Dichlorodifluoromethane	ug/L		1U		1U		1U	
Ethylbenzene	ug/L		1U		1U		1U	
Hexachlorobutadiene	ug/L		1U		1U		1U	
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U	
m&p-Xylenes	ug/L		1U		1U		1U	
Methylene Chloride	ug/L		1U		1U		1U	
n-Butylbenzene	ug/L		1U		1U		1U	
n-Propylbenzene	ug/L		1U		1U		1U	
Naphthalene	ug/L		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U	
Sec-butylbenzene	ug/L		1U		1U		1U	
Styrene	ug/L		1U		1U		1U	
tert-butylbenzene	ug/L		1U		1U		1U	
Tetrachloroethene	ug/L		1U		1U		1U	
Toluene	ug/L		1U		1U		1U	
trans-1,2-Dichloroethene	ug/L		1U		1U		1U	
Trichloroethene	ug/L		1U		1U		1U	
Trichlorofluoromethane	ug/L		1U		1U		1U	
Vinyl Chloride	ug/L		1U		1U		1U	

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	85B		86C		9C	
	Sample Number	GW0890		GW0964		GW0995	
	MinOfSamp Date	04-OCT-99		12-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ	
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U
1,2-Dibromoethane (ethylene Dibromic	ug/L		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U
Acetone	ug/L		5UJ		5U		5U
Benzene	ug/L		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U

TABLE A.37

Analytical Data Summary Table for VOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	85B		86C		9C	
	Sample Number	GW0890		GW0964		GW0995	
	MinOfSamp Date	04-OCT-99		12-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ	
Parameter	**Units**						
Bromoform	ug/L		1U		1U		1U
Bromomethane	ug/L		1R		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U
Chlorobenzene	ug/L		1U		1U		1U
Chloroethane	ug/L		1UJ		1U		1U
Chloroform	ug/L		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U
Ethylbenzene	ug/L		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U
Styrene	ug/L		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U
Toluene	ug/L		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U
Trichloroethene	ug/L		1.6=		1U		1U
Trichlorofluoromethane	ug/L		1UJ		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10C		11B		13A		1-65C	
	Sample Number	GW1025		GW1029		GW0810		GW0095	
	MinOfSamp Date	19-OCT-99		18-OCT-99		24-SEP-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50UJ		50UJ
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10UJ		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10UJ		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50UJ		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10UJ		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10C		11B		13A		1-65C	
	Sample Number	GW1025		GW1029		GW0810		GW0095	
	MinOfSamp Date	19-OCT-99		18-OCT-99		24-SEP-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10UJ		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10UJ		10U
Benzoic Acid	ug/L		50U		50U		50U		50UJ
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10UJ		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10UJ		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10UJ		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10UJ		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10UJ		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-65C	1-66A	1-66A	1-66C
	Sample Number	GW1606	GW0096	GW1607	GW0098
	MinOfSamp Date	17-DEC-99	12-JUL-99	17-DEC-99	12-JUL-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20UJ	20U
3-Nitroaniline	ug/L	50U	50UJ	50U	50UJ
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10UJ	10U	10U	10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-65C		1-66A		1-66A		1-66C	
	Sample Number	GW1606		GW0096		GW1607		GW0098	
	MinOfSamp Date	17-DEC-99		12-JUL-99		17-DEC-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10UJ		10U		10UJ		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10UJ		10U
Benzoic Acid	ug/L		50U		50UJ		50U		50UJ
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10UJ		10U		10UJ		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10UJ		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66C		1-67A		1-67A		1-67C	
	Sample Number	GW1609		GW0125		GW1662		GW0127	
	MinOfSamp Date	17-DEC-99		14-JUL-99		22-DEC-99		14-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20UJ		20UJ		20UJ
3-Nitroaniline	ug/L		50U		50R		50UJ		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10UJ		10R
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50R		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66C		1-67A		1-67A		1-67C	
	Sample Number	GW1609		GW0125		GW1662		GW0127	
	MinOfSamp Date	17-DEC-99		14-JUL-99		22-DEC-99		14-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10UJ		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10UJ		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10UJ		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10UJ		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10UJ		10U		10UJ
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67C		1C		2-106A		2-111A	
	Sample Number	GW1664		GW0993		GW0520		GW0523	
	MinOfSamp Date	22-DEC-99		14-OCT-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20U		20U
3-Nitroaniline	ug/L		50UJ		50U		50UJ		50UJ
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50R		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67C		1C		2-106A		2-111A	
	Sample Number	GW1664		GW0993		GW0520		GW0523	
	MinOfSamp Date	22-DEC-99		14-OCT-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10UJ		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-112A		2-113A		2-114A		2-115A	
	Sample Number	GW0738		GW0740		GW0743		GW0655	
	MinOfSamp Date	17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50UJ		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10UJ		10UJ		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20UJ		20U		20U
3-Nitroaniline	ug/L		50U		50U		50R		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10UJ		10UJ		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50UJ		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-112A		2-113A		2-114A		2-115A	
	Sample Number	GW0738		GW0740		GW0743		GW0655	
	MinOfSamp Date	17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		11=
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10UJ		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10UJ		10UJ		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-12	2-122C	2-123C	2-124C
	Sample Number	GW0882	GW0887	GW0868	GW0841
	MinOfSamp Date	04-OCT-99	04-OCT-99	01-OCT-99	28-SEP-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50UJ
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20UJ	20UJ	20UJ
3-Nitroaniline	ug/L	50UJ	50R	50R	50UJ
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50UJ	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10UJ
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10UJ	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50UJ
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10UJ
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10UJ	10U	10U	10UJ

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-12		2-122C		2-123C		2-124C	
	Sample Number	GW0882		GW0887		GW0868		GW0841	
	MinOfSamp Date	04-OCT-99		04-OCT-99		01-OCT-99		28-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10UJ
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10UJ
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10UJ
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10UJ
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10UJ
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10UJ		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10UJ
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10UJ

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-124D		2-125C		2-126C		2-127C	
	Sample Number	GW0842		GW1094		GW1008		GW1033	
	MinOfSamp Date	28-SEP-99		27-OCT-99		15-OCT-99		18-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50UJ		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20U		20U
3-Nitroaniline	ug/L		50UJ		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10UJ		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50UJ		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10UJ		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10UJ		10U		10U		10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-124D		2-125C		2-126C		2-127C	
	Sample Number	GW0842		GW1094		GW1008		GW1033	
	MinOfSamp Date	28-SEP-99		27-OCT-99		15-OCT-99		18-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10UJ		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10UJ		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10UJ		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10UJ		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10UJ		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-128C		2-129C		2-13		2-130C	
	Sample Number	GW1097		GW1051		GW0883		GW1073	
	MinOfSamp Date	27-OCT-99		20-OCT-99		04-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20UJ		20UJ
3-Nitroaniline	ug/L		50U		50U		50UJ		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50UJ		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10UJ		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10UJ		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-128C		2-129C		2-13		2-130C	
	Sample Number	GW1097		GW1051		GW0883		GW1073	
	MinOfSamp Date	27-OCT-99		20-OCT-99		04-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50UJ
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131C		2-132C		2-133C		2-134A	
	Sample Number	GW1153		GW1099		GW1118		GW0846	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20UJ
3-Nitroaniline	ug/L		50U		50U		50U		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131C		2-132C		2-133C		2-134A	
	Sample Number	GW1153		GW1099		GW1118		GW0846	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10UJ
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-135A		2-135C		2-136A		2-136C	
	Sample Number	GW0849		GW0852		GW0997		GW0999	
	MinOfSamp Date	29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20UJ		20U		20U
3-Nitroaniline	ug/L		50R		50R		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50UJ		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10UJ		10UJ		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-135A		2-135C		2-136A		2-136C	
	Sample Number	GW0849		GW0852		GW0997		GW0999	
	MinOfSamp Date	29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10UJ		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10UJ		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-137A	2-137C	2-138A	2-141A
	Sample Number	GW1189	GW1191	GW1248	GW0932
	MinOfSamp Date	05-NOV-99	05-NOV-99	11-NOV-99	07-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50R	50R	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-137A		2-137C		2-138A		2-141A	
	Sample Number	GW1189		GW1191		GW1248		GW0932	
	MinOfSamp Date	05-NOV-99		05-NOV-99		11-NOV-99		07-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10UJ		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		2.4J
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		7.8J		3.5J		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-142A	2-143A	2-143C	2-144A
	Sample Number	GW0926	GW1174	GW1176	GW1204
	MinOfSamp Date	07-OCT-99	04-NOV-99	04-NOV-99	08-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20UJ
3-Nitroaniline	ug/L	50R	50R	50R	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10UJ	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50UJ	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-142A	2-143A	2-143C	2-144A
	Sample Number	GW0926	GW1174	GW1176	GW1204
	MinOfSamp Date	07-OCT-99	04-NOV-99	04-NOV-99	08-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10UJ
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10UJ	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	1.2J
Di-n-octylphthalate	ug/L	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10UJ	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U
Pyrene	ug/L	10UJ	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-144C		2-147C		2-18		2-19A	
	Sample Number	GW1206		GW0815		GW0869		GW0870	
	MinOfSamp Date	08-NOV-99		24-SEP-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50UJ		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20UJ		20UJ
3-Nitroaniline	ug/L		50U		50UJ		50R		50R
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10UJ		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10UJ		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50UJ		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10UJ		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-144C		2-147C		2-18		2-19A	
	Sample Number	GW1206		GW0815		GW0869		GW0870	
	MinOfSamp Date	08-NOV-99		24-SEP-99		01-OCT-99		01-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10UJ		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10UJ		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10UJ		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10UJ		10UJ
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-20A	2-216C	2-217C	2-21A
	Sample Number	GW0872	GW1148	GW1012	GW0529
	MinOfSamp Date	01-OCT-99	02-NOV-99	15-OCT-99	26-AUG-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20U
3-Nitroaniline	ug/L	50R	50U	50U	50UJ
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-20A		2-216C		2-217C		2-21A	
	Sample Number	GW0872		GW1148		GW1012		GW0529	
	MinOfSamp Date	01-OCT-99		02-NOV-99		15-OCT-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		1.3J		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		1.3J		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-22	2-274A	2-278A	2-280A
	Sample Number	GW0884	GW0916	GW1177	GW1218
	MinOfSamp Date	04-OCT-99	06-OCT-99	04-NOV-99	09-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20UJ	20U	20UJ
3-Nitroaniline	ug/L	50UJ	50R	50R	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10UJ	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10UJ	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-22		2-274A		2-278A		2-280A	
	Sample Number	GW0884		GW0916		GW1177		GW1218	
	MinOfSamp Date	04-OCT-99		06-OCT-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10UJ		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A		2-282A		2-283A		2-284A	
	Sample Number	GW1180		GW1252		GW1182		GW1220	
	MinOfSamp Date	04-NOV-99		11-NOV-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		11U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		11U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		11U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		11U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		55U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		11U		10U		10U
2,4-Dichlorophenol	ug/L		10U		11U		10U		10U
2,4-Dimethylphenol	ug/L		10U		11U		10U		10U
2,4-Dinitrophenol	ug/L		50U		55U		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		11U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		11U		10U		10U
2-Chloronaphthalene	ug/L		10U		11U		10U		10U
2-Chlorophenol	ug/L		10U		11U		10U		10U
2-Methylnaphthalene	ug/L		10U		11U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		11U		10U		10U
2-Nitroaniline	ug/L		50U		55U		50U		50U
2-Nitrophenol	ug/L		10U		11U		10U		10U
3+4-Methylphenol	ug/L		10U		11U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		22U		20U		20UJ
3-Nitroaniline	ug/L		50R		55U		50R		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		55U		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		11U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		11U		10U		10U
4-Chloroaniline	ug/L		10UJ		11U		10UJ		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		11U		10U		10U
4-Nitroaniline	ug/L		50U		55U		50U		50U
4-Nitrophenol	ug/L		50U		55U		50U		50U
Acenaphthene	ug/L		10U		11U		10U		10U
Acenaphthylene	ug/L		10U		11U		10U		10U
Anthracene	ug/L		10U		11U		10U		10U
Benzo(a)anthracene	ug/L		10U		11U		10U		10U
Benzo(a)pyrene	ug/L		10U		11U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		11U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A		2-282A		2-283A		2-284A	
	Sample Number	GW1180		GW1252		GW1182		GW1220	
	MinOfSamp Date	04-NOV-99		11-NOV-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		11U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		11U		10U		10U
Benzoic Acid	ug/L		50U		55U		50U		50U
Benzyl Alcohol	ug/L		10U		11U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		11U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		11U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		11U		10UJ		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		11U		10U		10U
Butylbenzylphthalate	ug/L		10U		11U		10U		10U
Chrysene	ug/L		10U		11U		10U		10U
Di-n-butylphthalate	ug/L		10U		11U		10U		10U
Di-n-octylphthalate	ug/L		10U		11U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		11U		10U		10U
Dibenzofuran	ug/L		10U		11U		10U		10U
Diethylphthalate	ug/L		10U		11U		10U		10U
Dimethylphthalate	ug/L		10U		11U		10U		10U
Fluoranthene	ug/L		10U		11U		10U		10U
Fluorene	ug/L		10U		11U		10U		10U
Hexachlorobenzene	ug/L		10U		11U		10U		10U
Hexachlorobutadiene	ug/L		10U		11U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		11U		10U		10U
Hexachloroethane	ug/L		10U		11U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		11U		10U		10U
Isophorone	ug/L		10U		11U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		11U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		11U		10U		10U
Naphthalene	ug/L		10U		11U		10U		10U
Nitrobenzene	ug/L		10U		11U		10U		10U
Pentachlorophenol	ug/L		50U		55U		50U		50U
Phenanthrene	ug/L		10U		11U		10U		10U
Phenol	ug/L		10U		11U		10U		10U
Pyrene	ug/L		10U		11U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285A	2-285C	2-286A	2-286C
	Sample Number	GW1426	GW1428	GW0984	GW0985
	MinOfSamp Date	30-NOV-99	30-NOV-99	13-OCT-99	13-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	1.1J
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285A		2-285C		2-286A		2-286C	
	Sample Number	GW1426		GW1428		GW0984		GW0985	
	MinOfSamp Date	30-NOV-99		30-NOV-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-287AR		2-288A		2-289A		2-325A	
	Sample Number	GW0986		GW0987		GW1001		GW1356	
	MinOfSamp Date	13-OCT-99		13-OCT-99		14-OCT-99		22-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-287AR	2-288A	2-289A	2-325A
	Sample Number	GW0986	GW0987	GW1001	GW1356
	MinOfSamp Date	13-OCT-99	13-OCT-99	14-OCT-99	22-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U
Benzoic Acid	ug/L	50U	50U	50U	50U
Benzyl Alcohol	ug/L	10U	10U	10U	10U
Bis(2-chloroethoxy) Methane	ug/L	10U	10U	10U	10U
Bis(2-chloroethyl)ether	ug/L	10U	10U	10U	10U
Bis(2-chloroisopropyl) Ether	ug/L	10U	10U	10U	10U
Bis(2-ethylhexyl)phthalate	ug/L	10U	10U	10U	10U
Butylbenzylphthalate	ug/L	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U
Di-n-octylphthalate	ug/L	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U
Diethylphthalate	ug/L	10U	10U	10U	10U
Dimethylphthalate	ug/L	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U
Indeno_1,2,3-cd_pyrene	ug/L	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U
N-Nitroso-di-n-propylamine	ug/L	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U
Pentachlorophenol	ug/L	50U	50U	50U	50U
Phenanthrene	ug/L	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-328A	2-329A	2-349A	2-349C
	Sample Number	GW1255	GW1222	GW1224	GW1226
	MinOfSamp Date	11-NOV-99	09-NOV-99	09-NOV-99	09-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50UJ	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20UJ	20UJ	20UJ
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50UJ	50UJ	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-328A		2-329A		2-349A		2-349C	
	Sample Number	GW1255		GW1222		GW1224		GW1226	
	MinOfSamp Date	11-NOV-99		09-NOV-99		09-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10UJ		10UJ		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-351A		2-351C		2-374A		2-395A	
	Sample Number	GW1259		GW1262		GW1362		GW1432	
	MinOfSamp Date	11-NOV-99		11-NOV-99		22-NOV-99		30-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-351A		2-351C		2-374A		2-395A	
	Sample Number	GW1259		GW1262		GW1362		GW1432	
	MinOfSamp Date	11-NOV-99		11-NOV-99		22-NOV-99		30-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396A	2-397A	2-398A	2-399A
	Sample Number	GW1208	GW0936	GW0894	GW1211
	MinOfSamp Date	08-NOV-99	07-OCT-99	04-OCT-99	08-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50UJ	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20UJ	20UJ
3-Nitroaniline	ug/L	50U	50U	50R	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50UJ	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10UJ	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396A		2-397A		2-398A		2-399A	
	Sample Number	GW1208		GW0936		GW0894		GW1211	
	MinOfSamp Date	08-NOV-99		07-OCT-99		04-OCT-99		08-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10UJ		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10U		10U		10UJ
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10UJ		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10UJ		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-409A	2-411A	2-412A	2-62A
	Sample Number	GW1213	GW1195	GW0938	GW0899
	MinOfSamp Date	08-NOV-99	05-NOV-99	07-OCT-99	05-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20U
3-Nitroaniline	ug/L	50U	50R	50U	50UJ
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10UJ	10U	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-409A		2-411A		2-412A		2-62A	
	Sample Number	GW1213		GW1195		GW0938		GW0899	
	MinOfSamp Date	08-NOV-99		05-NOV-99		07-OCT-99		05-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10UJ		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		3.5J		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10UJ

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-63A	2-64A	2-65A	2-66C
	Sample Number	GW0901	GW0903	GW0906	GW0863
	MinOfSamp Date	05-OCT-99	05-OCT-99	05-OCT-99	30-SEP-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50UJ	50UJ	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20UJ
3-Nitroaniline	ug/L	50UJ	50UJ	50UJ	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10UJ
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10UJ	10UJ	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50UJ
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10UJ
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-63A		2-64A		2-65A		2-66C	
	Sample Number	GW0901		GW0903		GW0906		GW0863	
	MinOfSamp Date	05-OCT-99		05-OCT-99		05-OCT-99		30-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10UJ
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10UJ
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10UJ
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10UJ
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10UJ		10UJ		10UJ

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-68C	2C	3B	41C
	Sample Number	GW0857	GW0974	GW0942	GW1418
	MinOfSamp Date	30-SEP-99	13-OCT-99	11-OCT-99	29-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20U
3-Nitroaniline	ug/L	50R	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10UJ	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10UJ	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-68C		2C		3B		41C	
	Sample Number	GW0857		GW0974		GW0942		GW1418	
	MinOfSamp Date	30-SEP-99		13-OCT-99		11-OCT-99		29-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10UJ		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10UJ		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10UJ		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41D		42C		43C		45CR	
	Sample Number	GW1419		GW1421		GW0950		GW1068	
	MinOfSamp Date	29-NOV-99		29-NOV-99		11-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41D		42C		43C		45CR	
	Sample Number	GW1419		GW1421		GW0950		GW1068	
	MinOfSamp Date	29-NOV-99		29-NOV-99		11-OCT-99		25-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	45DR	46C	47C	4C
	Sample Number	GW1069	GW1108	GW1113	GW0977
	MinOfSamp Date	25-OCT-99	28-OCT-99	28-OCT-99	13-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	45DR		46C		47C		4C	
	Sample Number	GW1069		GW1108		GW1113		GW0977	
	MinOfSamp Date	25-OCT-99		28-OCT-99		28-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR	59AR	5B	60C
	Sample Number	GW0746	GW1044	GW0957	GW1016
	MinOfSamp Date	17-SEP-99	20-OCT-99	12-OCT-99	15-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50R	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50UJ	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR		59AR		5B		60C	
	Sample Number	GW0746		GW1044		GW0957		GW1016	
	MinOfSamp Date	17-SEP-99		20-OCT-99		12-OCT-99		15-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10UJ		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	61B		6A		76B		76D
	Sample Number	GW0876		GW0808		GW0979		GW0982
	MinOfSamp Date	01-OCT-99		24-SEP-99		13-OCT-99		13-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U	10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U	10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U	10U
1,4-Dichlorobenzene	ug/L		10U		10U		1.1J	10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U	50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U	10U
2,4-Dichlorophenol	ug/L		10U		10U		10U	10U
2,4-Dimethylphenol	ug/L		10U		10U		10U	10U
2,4-Dinitrophenol	ug/L		50UJ		50UJ		50U	50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U	10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U	10U
2-Chloronaphthalene	ug/L		10U		10U		10U	10U
2-Chlorophenol	ug/L		10U		10U		10U	10U
2-Methylnaphthalene	ug/L		10U		10U		10U	10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U	10U
2-Nitroaniline	ug/L		50U		50U		50U	50U
2-Nitrophenol	ug/L		10U		10U		10U	10U
3+4-Methylphenol	ug/L		10U		10U		10U	10U
3,3'-Dichlorobenzidine	ug/L		20UJ		20U		20U	20U
3-Nitroaniline	ug/L		50UJ		50UJ		50U	50U
4,6-Dinitro-2-methylphenol	ug/L		50UJ		50U		50U	50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10UJ		10U	10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U	10U
4-Chloroaniline	ug/L		10UJ		10UJ		10U	10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U	10U
4-Nitroaniline	ug/L		50U		50UJ		50U	50U
4-Nitrophenol	ug/L		50U		50U		50U	50U
Acenaphthene	ug/L		10U		10U		10U	10U
Acenaphthylene	ug/L		10U		10U		10U	10U
Anthracene	ug/L		10U		10U		10U	10U
Benzo(a)anthracene	ug/L		10U		10U		10U	10U
Benzo(a)pyrene	ug/L		10U		10U		10U	10U
Benzo(b)fluoranthene	ug/L		10UJ		10UJ		10U	10U

TABLE A.38
Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	61B		6A		76B		76D	
	Sample Number	GW0876		GW0808		GW0979		GW0982	
	MinOfSamp Date	01-OCT-99		24-SEP-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10UJ		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10UJ		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10UJ		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77C		77D		78B		79C	
	Sample Number	GW0945		GW0946		GW0960		GW1057	
	MinOfSamp Date	11-OCT-99		11-OCT-99		12-OCT-99		21-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50U		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77C		77D		78B		79C	
	Sample Number	GW0945		GW0946		GW0960		GW1057	
	MinOfSamp Date	11-OCT-99		11-OCT-99		12-OCT-99		21-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	83C		84C		85B		86C		9C	
	Sample Number	GW1087		GW1061		GW0890		GW0964		GW0995	
	MinOfSamp Date	26-OCT-99		21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50U		50UJ		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20UJ		20U		20U
3-Nitroaniline	ug/L		50U		50U		50R		50U		50U
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50UJ		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10U		10UJ		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50U		50U		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U		10U		10U		10U

TABLE A.38

Analytical Data Summary Table for SVOCs in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	83C		84C		85B		86C		9C	
	Sample Number	GW1087		GW1061		GW0890		GW0964		GW0995	
	MinOfSamp Date	26-OCT-99		21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
Benzo(g,h,i)perylene	ug/L		10U		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10UJ		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10UJ		10U		10U
Isophorone	ug/L		10U		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U		10U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	MinOfWell	10C	11B	13A	1-65C	1-65C
		Sample Number	GW1025	GW1029	GW0810	GW0095	GW1606
		MinOfSamp Date	19-OCT-99	18-OCT-99	24-SEP-99	12-JUL-99	17-DEC-99
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
4,4'-DDD	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
4,4'-DDE	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
4,4'-DDT	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Aldrin	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Alpha-BHC	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Alpha-chlordane	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Aroclor-1016	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Aroclor-1221	ug/L		0.65U	0.65U	0.65U	0.65U	2.0U
Aroclor-1232	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Aroclor-1242	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Aroclor-1248	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Aroclor-1254	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Aroclor-1260	ug/L		0.50U	0.50U	0.50U	0.50U	1.0U
Beta-BHC	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Delta-BHC	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Dieldrin	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Endosulfan I	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Endosulfan II	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Endosulfan Sulfate	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Endrin Aldehyde	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Endrin Ketone	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Endrin	ug/L		0.070U	0.070U	0.070U	0.070U	0.10U
Gamma-BHC	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Gamma-chlordane	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Heptachlor Epoxide	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Heptachlor	ug/L		0.030U	0.030U	0.030U	0.030U	0.050U
Methoxychlor	ug/L		0.30U	0.30U	0.30U	0.30U	0.50U
Toxaphene	ug/L		2.0U	2.0U	2.0U	2.0U	5.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66A		1-66A		1-66C		1-66C		1-67A
	Sample Number	GW0096		GW1607		GW0098		GW1609		GW0125
	MinOfSamp Date	12-JUL-99		17-DEC-99		12-JUL-99		17-DEC-99		14-JUL-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ
Parameter	**Units**									
4,4'-DDD	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
4,4'-DDE	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
4,4'-DDT	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Aldrin	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Alpha-BHC	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Alpha-chlordane	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Aroclor-1016	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Aroclor-1221	ug/L		0.65U		2.0U		0.65U		2.0U	0.65U
Aroclor-1232	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Aroclor-1242	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Aroclor-1248	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Aroclor-1254	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Aroclor-1260	ug/L		0.50U		1.0U		0.50U		1.0U	0.50U
Beta-BHC	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Delta-BHC	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Dieldrin	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Endosulfan I	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Endosulfan II	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Endrin Ketone	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Endrin	ug/L		0.070U		0.10U		0.070U		0.10U	0.070U
Gamma-BHC	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Gamma-chlordane	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Heptachlor	ug/L		0.030U		0.050U		0.030U		0.050U	0.030U
Methoxychlor	ug/L		0.30U		0.50U		0.30U		0.50U	0.30U
Toxaphene	ug/L		2.0U		5.0U		2.0U		5.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67A		1-67C		1-67C		1C		2-106A	
	Sample Number	GW1662		GW0127		GW1664		GW0993		GW0520	
	MinOfSamp Date	22-DEC-99		14-JUL-99		22-DEC-99		14-OCT-99		26-AUG-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-111A		2-112A		2-113A		2-114A		2-115A	
	Sample Number	GW0523		GW0738		GW0740		GW0743		GW0655	
	MinOfSamp Date	26-AUG-99		17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U		0.66U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U		0.51U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Endrin	ug/L		0.070U		0.070U		0.071U		0.071U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.031U		0.031U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.31U		0.31U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-12		2-122C		2-123C		2-124C		2-124D	
		Sample Number	GW0882		GW0887		GW0868		GW0841		GW0842	
		MinOfSamp Date	04-OCT-99		04-OCT-99		01-OCT-99		28-SEP-99		28-SEP-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U	

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-125C	2-126C	2-127C	2-128C	2-129C
	Sample Number	GW1094	GW1008	GW1033	GW1097	GW1051
	MinOfSamp Date	27-OCT-99	15-OCT-99	18-OCT-99	27-OCT-99	20-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U	0.66U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U	0.51U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.071U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-13	2-130C	2-131C	2-132C	2-133C
	Sample Number	GW0883	GW1073	GW1153	GW1099	GW1118
	MinOfSamp Date	04-OCT-99	25-OCT-99	02-NOV-99	27-OCT-99	28-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-134A		2-135A		2-135C		2-136A		2-136C	
	Sample Number	GW0846		GW0849		GW0852		GW0997		GW0999	
	MinOfSamp Date	30-SEP-99		29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-137A	2-137C	2-138A	2-141A	2-142A
		Sample Number	GW1189	GW1191	GW1248	GW0932	GW0926
		MinOfSamp Date	05-NOV-99	05-NOV-99	11-NOV-99	07-OCT-99	07-OCT-99
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**						
4,4'-DDD	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
4,4'-DDE	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
4,4'-DDT	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Aldrin	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Alpha-BHC	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Alpha-chlordane	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Aroclor-1016	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Aroclor-1221	ug/L		0.65U	0.65U	0.67U	0.65U	0.65U
Aroclor-1232	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Aroclor-1242	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Aroclor-1248	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Aroclor-1254	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Aroclor-1260	ug/L		0.50U	0.50U	0.52U	0.50U	0.50U
Beta-BHC	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Delta-BHC	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Dieldrin	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Endosulfan I	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Endosulfan II	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Endrin Ketone	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Endrin	ug/L		0.070U	0.070U	0.072U	0.070U	0.070U
Gamma-BHC	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Gamma-chlordane	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Heptachlor	ug/L		0.030U	0.030U	0.031U	0.030U	0.030U
Methoxychlor	ug/L		0.30U	0.30U	0.31U	0.30U	0.30U
Toxaphene	ug/L		2.0U	2.0U	2.1U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-143A	2-143C	2-144A	2-144C	2-147C
	Sample Number	GW1174	GW1176	GW1204	GW1206	GW0815
	MinOfSamp Date	04-NOV-99	04-NOV-99	08-NOV-99	08-NOV-99	24-SEP-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
4,4'-DDE	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
4,4'-DDT	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Aroclor-1221	ug/L	0.66U	0.65U	0.65U	0.66U	0.65U
Aroclor-1232	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Aroclor-1242	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Aroclor-1248	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Aroclor-1254	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Aroclor-1260	ug/L	0.51U	0.50U	0.50U	0.51U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Endosulfan Sulfate	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Endrin Aldehyde	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Endrin Ketone	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Endrin	ug/L	0.071U	0.070U	0.070U	0.071U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-18	2-19A	2-20A	2-216C	2-217C
	Sample Number	GW0869	GW0870	GW0872	GW1148	GW1012
	MinOfSamp Date	01-OCT-99	01-OCT-99	01-OCT-99	02-NOV-99	15-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.66U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.51U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.071U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-21A		2-22		2-274A		2-278A		2-280A	
	Sample Number	GW0529		GW0884		GW0916		GW1177		GW1218	
	MinOfSamp Date	26-AUG-99		04-OCT-99		06-OCT-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.66U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.51U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.071U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.031U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.31U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A	2-282A	2-283A	2-284A	2-285A
	Sample Number	GW1180	GW1252	GW1182	GW1220	GW1426
	MinOfSamp Date	04-NOV-99	11-NOV-99	04-NOV-99	09-NOV-99	30-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285C		2-286A		2-286C		2-287AR		2-288A	
	Sample Number	GW1428		GW0984		GW0985		GW0986		GW0987	
	MinOfSamp Date	30-NOV-99		13-OCT-99		13-OCT-99		13-OCT-99		13-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-289A		2-325A		2-328A		2-329A		2-349A	
		Sample Number	GW1001		GW1356		GW1255		GW1222		GW1224	
		MinOfSamp Date	14-OCT-99		22-NOV-99		11-NOV-99		09-NOV-99		09-NOV-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
4,4'-DDD	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.68U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.53U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.074U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.032U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.32U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.1U		2.0U		2.0U	

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-349C	2-351A	2-351C	2-374A	2-395A
	Sample Number	GW1226	GW1259	GW1262	GW1362	GW1432
	MinOfSamp Date	09-NOV-99	11-NOV-99	11-NOV-99	22-NOV-99	30-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-396A		2-397A		2-398A		2-399A		2-409A	
		Sample Number	GW1208		GW0936		GW0894		GW1211		GW1213	
		MinOfSamp Date	08-NOV-99		07-OCT-99		04-OCT-99		08-NOV-99		08-NOV-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
4,4'-DDD	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.66U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.51U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.071U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U	

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-411A		2-412A		2-62A		2-63A		2-64A	
	Sample Number	GW1195		GW0938		GW0899		GW0901		GW0903	
	MinOfSamp Date	05-NOV-99		07-OCT-99		05-OCT-99		05-OCT-99		05-OCT-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
4,4'-DDE	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
4,4'-DDT	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Aroclor-1221	ug/L		0.65U		0.66U		0.65U		0.65U		0.66U
Aroclor-1232	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Aroclor-1242	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Aroclor-1248	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Aroclor-1254	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Aroclor-1260	ug/L		0.50U		0.51U		0.50U		0.50U		0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Endosulfan Sulfate	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Endrin Aldehyde	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Endrin Ketone	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Endrin	ug/L		0.070U		0.071U		0.070U		0.070U		0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-65A		2-66C		2-68C		2C		3B	
		Sample Number	GW0906		GW0863		GW0857		GW0974		GW0942	
		MinOfSamp Date	05-OCT-99		30-SEP-99		30-SEP-99		13-OCT-99		11-OCT-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U	

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41C		41D		42C		43C
	Sample Number	GW1418		GW1419		GW1421		GW0950
	MinOfSamp Date	29-NOV-99		29-NOV-99		29-NOV-99		11-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	45CR		45DR		46C		47C		4C	
		Sample Number	GW1068		GW1069		GW1108		GW1113		GW0977	
		MinOfSamp Date	25-OCT-99		25-OCT-99		28-OCT-99		28-OCT-99		13-OCT-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		0.65U	
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		0.50U	
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		0.070U	
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		0.030U	
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		0.30U	
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		2.0U	

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR	59AR	5B	60C	61B
	Sample Number	GW0746	GW1044	GW0957	GW1016	GW0876
	MinOfSamp Date	17-SEP-99	20-OCT-99	12-OCT-99	15-OCT-99	01-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
4,4'-DDE	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
4,4'-DDT	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Aldrin	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Aroclor-1221	ug/L	0.66U	0.65U	0.66U	0.65U	0.66U
Aroclor-1232	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Aroclor-1242	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Aroclor-1248	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Aroclor-1254	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Aroclor-1260	ug/L	0.51U	0.50U	0.51U	0.50U	0.51U
Beta-BHC	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Endosulfan I	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Endosulfan Sulfate	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Endrin Aldehyde	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Endrin Ketone	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Endrin	ug/L	0.071U	0.070U	0.071U	0.070U	0.071U
Gamma-BHC	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.031U	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.31U	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	6A	76B	76D	77C
		Sample Number	GW0808	GW0979	GW0982	GW0945
		MinOfSamp Date	24-SEP-99	13-OCT-99	13-OCT-99	11-OCT-99
		Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**					
4,4'-DDD	ug/L		0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L		0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L		0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L		0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L		0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L		0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L		0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L		0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L		0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L		0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L		0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L		0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L		0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L		0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L		0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L		0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L		0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L		0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L		0.070U	0.070U	0.070U	0.070U
Endrin	ug/L		0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L		0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L		0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L		0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L		0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L		2.0U	2.0U	2.0U	2.0U

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77D		78B		79C		83C				
	Sample Number	GW0946		GW0960		GW1057		GW1087				
	MinOfSamp Date	11-OCT-99		12-OCT-99		21-OCT-99		26-OCT-99				
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ				
Parameter	**Units**											
4,4'-DDD	ug/L	0.070U		0.070U		0.071U		0.070U				
4,4'-DDE	ug/L	0.070U		0.070U		0.071U		0.070U				
4,4'-DDT	ug/L	0.070U		0.070U		0.071U		0.070U				
Aldrin	ug/L	0.030U		0.030U		0.030U		0.030U				
Alpha-BHC	ug/L	0.030U		0.030U		0.030U		0.030U				
Alpha-chlordane	ug/L	0.030U		0.030U		0.030U		0.030U				
Aroclor-1016	ug/L	0.50U		0.50U		0.51U		0.50U				
Aroclor-1221	ug/L	0.65U		0.65U		0.66U		0.65U				
Aroclor-1232	ug/L	0.50U		0.50U		0.51U		0.50U				
Aroclor-1242	ug/L	0.50U		0.50U		0.51U		0.50U				
Aroclor-1248	ug/L	0.50U		0.50U		0.51U		0.50U				
Aroclor-1254	ug/L	0.50U		0.50U		0.51U		0.50U				
Aroclor-1260	ug/L	0.50U		0.50U		0.51U		0.50U				
Beta-BHC	ug/L	0.030U		0.030U		0.030U		0.030U				
Delta-BHC	ug/L	0.030U		0.030U		0.030U		0.030U				
Dieldrin	ug/L	0.070U		0.070U		0.071U		0.070U				
Endosulfan I	ug/L	0.030U		0.030U		0.030U		0.030U				
Endosulfan II	ug/L	0.070U		0.070U		0.071U		0.070U				
Endosulfan Sulfate	ug/L	0.070U		0.070U		0.071U		0.070U				
Endrin Aldehyde	ug/L	0.070U		0.070U		0.071U		0.070U				
Endrin Ketone	ug/L	0.070U		0.070U		0.071U		0.070U				
Endrin	ug/L	0.070U		0.070U		0.071U		0.070U				
Gamma-BHC	ug/L	0.030U		0.030U		0.030U		0.030U				
Gamma-chlordane	ug/L	0.030U		0.030U		0.030U		0.030U				
Heptachlor Epoxide	ug/L	0.030U		0.030U		0.030U		0.030U				
Heptachlor	ug/L	0.030U		0.030U		0.030U		0.030U				
Methoxychlor	ug/L	0.30U		0.30U		0.30U		0.30U				
Toxaphene	ug/L	2.0U		2.0U		2.0U		2.0U				

TABLE A.39

Analytical Data Summary Table for Pesticides in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	84C	85B	86C	9C
	Sample Number	GW1061	GW0890	GW0964	GW0995
	MinOfSamp Date	21-OCT-99	04-OCT-99	12-OCT-99	14-OCT-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
4,4'-DDD	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDE	ug/L	0.070U	0.070U	0.070U	0.070U
4,4'-DDT	ug/L	0.070U	0.070U	0.070U	0.070U
Aldrin	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Alpha-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Aroclor-1016	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1221	ug/L	0.65U	0.65U	0.65U	0.65U
Aroclor-1232	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1242	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1248	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1254	ug/L	0.50U	0.50U	0.50U	0.50U
Aroclor-1260	ug/L	0.50U	0.50U	0.50U	0.50U
Beta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Delta-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Dieldrin	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan I	ug/L	0.030U	0.030U	0.030U	0.030U
Endosulfan II	ug/L	0.070U	0.070U	0.070U	0.070U
Endosulfan Sulfate	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Aldehyde	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin Ketone	ug/L	0.070U	0.070U	0.070U	0.070U
Endrin	ug/L	0.070U	0.070U	0.070U	0.070U
Gamma-BHC	ug/L	0.030U	0.030U	0.030U	0.030U
Gamma-chlordane	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor Epoxide	ug/L	0.030U	0.030U	0.030U	0.030U
Heptachlor	ug/L	0.030U	0.030U	0.030U	0.030U
Methoxychlor	ug/L	0.30U	0.30U	0.30U	0.30U
Toxaphene	ug/L	2.0U	2.0U	2.0U	2.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10C		11B		13A		1-65C	
	Sample Number	GW1025		GW1029		GW0810		GW0095	
	MinOfSamp Date	19-OCT-99		18-OCT-99		24-SEP-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		6.0U
Barium	ug/L		405=		187=		611=		356=
Cadmium	ug/L		3.0U		3.0U		3.0U		1.0U
Chromium, Total	ug/L		5.0U		5.0U		15.7=		196=
Lead	ug/L		3.0U		3.0U		3.4=		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.0U		4.0U		17.7=		21.5=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		1.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-65C		1-66A		1-66A		1-66C	
	Sample Number	GW1606		GW0096		GW1607		GW0098	
	MinOfSamp Date	17-DEC-99		12-JUL-99		17-DEC-99		12-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		6.0U		10.0U		6.0U
Barium	ug/L		397=		924=		1090=		304=
Cadmium	ug/L		3.0U		1.0U		3.0U		1.0U
Chromium, Total	ug/L		207=		1.0U		5.0U		1.1J
Lead	ug/L		3.0U		3.0U		4.0=		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		21.7=		2.0U		4.0U		6.1=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		1.0U		5.0U		1.2J

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-66C		1-67A		1-67A		1-67C	
	Sample Number	GW1609		GW0125		GW1662		GW0127	
	MinOfSamp Date	17-DEC-99		14-JUL-99		22-DEC-99		14-JUL-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		11.7=		10.0U		6.0U
Barium	ug/L		333=		350=		380=		500=
Cadmium	ug/L		3.0U		1.0U		3.0U		1.0U
Chromium, Total	ug/L		5.0U		44.7=		31.7=		1.0U
Lead	ug/L		3.2=		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		8.4J		185=		188=		2.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		1.2J		5.0U		1.3J

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	1-67C		1C		2-106A		2-111A
	Sample Number	GW1664		GW0993		GW0520		GW0523
	MinOfSamp Date	22-DEC-99		14-OCT-99		26-AUG-99		26-AUG-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		499=		650=		506=	195=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		5.0U		5.0U		5.0U	5.0U
Lead	ug/L		3.0U		3.0U		11.8=	6.2=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.0U		4.0U		4.0U	5.1=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-112A		2-113A		2-114A		2-115A
	Sample Number	GW0738		GW0740		GW0743		GW0655
	MinOfSamp Date	17-SEP-99		17-SEP-99		17-SEP-99		09-SEP-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		147U		330U		357U	495=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		53.4U		13.9U		5.0U	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		49.0U		45.1U		4.0U	5.0=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	. 2-12		2-122C		2-123C		2-124C
	Sample Number	GW0882		GW0887		GW0868		GW0841
	MinOfSamp Date	04-OCT-99		04-OCT-99		01-OCT-99		28-SEP-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		6.0U	10.0U
Barium	ug/L		421=		535=		492=	270=
Cadmium	ug/L		1.0U		1.0U		1.0U	3.0U
Chromium, Total	ug/L		4.7J		1.0U		1.0U	5.0U
Lead	ug/L		2.0U		2.0U		2.0U	20.4=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		2.0U		4.9J		6.2J	4.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		1.3U		1.2U		1.3U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-124D		2-125C		2-126C		2-127C
	Sample Number	GW0842		GW1094		GW1008		GW1033
	MinOfSamp Date	28-SEP-99		27-OCT-99		15-OCT-99		18-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		375=		539=		583=	266=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		5.9=		17.2=		30.5=	5.0U
Lead	ug/L		4.7=		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		42.6=		4.0U		4.0U	7.9=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-128C		2-129C		2-13		2-130C
	Sample Number	GW1097		GW1051		GW0883		GW1073
	MinOfSamp Date	27-OCT-99		20-OCT-99		04-OCT-99		25-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		6.0U	10.0U
Barium	ug/L		414=		404=		376=	495=
Cadmium	ug/L		3.0U		3.0U		1.0U	3.0U
Chromium, Total	ug/L		5.5=		5.0U		2.4J	7.1=
Lead	ug/L		6.5=		3.0U		2.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		14.2=		6.0=		2.0U	5.3=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		1.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131C		2-132C	2-133C		2-134A
	Sample Number	GW1153		GW1099	GW1118		GW0846
	MinOfSamp Date	02-NOV-99		27-OCT-99	28-OCT-99		30-SEP-99
	Aquifer Zone	LSZ		LSZ	LSZ		LSZ
Parameter	**Units**						
Arsenic	ug/L		6.0U		10.0U	10.0U	6.0U
Barium	ug/L		281=		574=	335=	405=
Cadmium	ug/L		5.0U		3.0U	3.0U	1.0U
Chromium, Total	ug/L		5.6B		5.0U	8.9=	1.0U
Lead	ug/L		3.0U		3.0U	3.2=	2.0U
Mercury	ug/L		0.20U		0.20U	0.20U	0.20U
Nickel	ug/L		5.0U		7.5=	90.7=	5.0J
Selenium	ug/L		5.0U		5.0U	5.0U	5.0U
Silver	ug/L		5.0U		5.0U	5.0U	1.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-135A		2-135C		2-136A		2-136C
	Sample Number	GW0849		GW0852		GW0997		GW0999
	MinOfSamp Date	29-SEP-99		29-SEP-99		14-OCT-99		14-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		6.0U		10.0U		10.0U
Barium	ug/L		521=		470=		611=		660=
Cadmium	ug/L		1.0U		1.0U		3.0U		3.0U
Chromium, Total	ug/L		2.0J		2.5J		12.0=		107=
Lead	ug/L		3.3U		2.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		20.9J		33.7J		37.8=		965=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		1.0U		1.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-137A		2-137C		2-138A		2-141A
	Sample Number	GW1189		GW1191		GW1248		GW0932
	MinOfSamp Date	05-NOV-99		05-NOV-99		11-NOV-99		07-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U		10.0U
Barium	ug/L		1040=		520=		164=		222=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		5.0U		62.1=		5.0U		8.7=
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		7.4=		137=		6.9=		493=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-142A		2-143A		2-143C		2-144A	
	Sample Number	GW0926		GW1174		GW1176		GW1204	
	MinOfSamp Date	07-OCT-99		04-NOV-99		04-NOV-99		08-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		6.0U
Barium	ug/L		443=		425=		645=		495=
Cadmium	ug/L		3.0U		3.0U		3.0U		5.0U
Chromium, Total	ug/L		5.3=		7.4=		5.0U		7.6J
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		79.9=		17.3=		43.6=		77.1=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-144C		2-147C		2-18		2-19A
	Sample Number	GW1206		GW0815		GW0869		GW0870
	MinOfSamp Date	08-NOV-99		24-SEP-99		01-OCT-99		01-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		6.0U	6.0U
Barium	ug/L		445=		477=		347=	2780=
Cadmium	ug/L		5.0U		3.0U		1.0U	1.0U
Chromium, Total	ug/L		47.0=		18.1=		71.8=	1.0U
Lead	ug/L		391=		3.5=		2.0U	2.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		153=		11.8=		6.0J	38.4J
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		1.0U	1.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-20A		2-216C		2-217C		2-21A	
		Sample Number	GW0872		GW1148		GW1012		GW0529	
		MinOfSamp Date	01-OCT-99		02-NOV-99		15-OCT-99		26-AUG-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**									
Arsenic	ug/L			6.0U		6.0U		10.0U		10.0U
Barium	ug/L			943=		261=		1180=		383=
Cadmium	ug/L			1.0U		5.0U		3.0U		3.0U
Chromium, Total	ug/L			1.0U		5.0U		5.0U		5.0U
Lead	ug/L			2.0U		4.1=		3.0U		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			2.0U		5.0U		4.0U		4.0U
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U
Silver	ug/L			1.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-22	2-274A	2-278A	2-280A
	Sample Number	GW0884	GW0916	GW1177	GW1218
	MinOfSamp Date	04-OCT-99	06-OCT-99	04-NOV-99	09-NOV-99
	Aquifer Zone	LSZ	LSZ	LSZ	LSZ
Parameter	**Units**				
Arsenic	ug/L	6.0U	10.0U	10.0U	6.5J
Barium	ug/L	444=	132=	396=	355=
Cadmium	ug/L	1.0U	3.0U	3.0U	5.0U
Chromium, Total	ug/L	6.9J	5.6=	5.0U	82.4=
Lead	ug/L	2.0U	3.0U	3.0U	73.5=
Mercury	ug/L	0.20U	0.20U	0.20U	0.20U
Nickel	ug/L	2.1J	12.4=	4.0U	178=
Selenium	ug/L	5.0U	5.0U	5.1J	5.0U
Silver	ug/L	1.4U	5.0U	5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-281A		2-282A		2-283A		2-284A	
	Sample Number	GW1180		GW1252		GW1182		GW1220	
	MinOfSamp Date	04-NOV-99		11-NOV-99		04-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.6=		10.0U		6.0U
Barium	ug/L		846=		640=		544=		573=
Cadmium	ug/L		3.0U		3.0U		3.0U		5.0U
Chromium, Total	ug/L		10.0=		5.0U		5.9=		46.6=
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		197=		6.6=		83.4=		355=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-285A		2-285C		2-286A		2-286C
	Sample Number	GW1426		GW1428		GW0984		GW0985
	MinOfSamp Date	30-NOV-99		30-NOV-99		13-OCT-99		13-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		15.9=		78.6=		10.0U		25.2=
Barium	ug/L		471=		1160=		697=		597=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		127=		1230=		18.5=		171=
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		81.2=		681=		13.2=		596=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-287AR		2-288A		2-289A		2-325A
	Sample Number	GW0986		GW0987		GW1001		GW1356
	MinOfSamp Date	13-OCT-99		13-OCT-99		14-OCT-99		22-NOV-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	11.7=
Barium	ug/L		269=		717=		474=	29.8=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		11.3=		5.0U		7.5=	39.3=
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.5=		4.0U		94.1=	6.1=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-328A		2-329A		2-349A		2-349C	
	Sample Number	GW1255		GW1222		GW1224		GW1226	
	MinOfSamp Date	11-NOV-99		09-NOV-99		09-NOV-99		09-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		6.0U		6.0U		6.0U
Barium	ug/L		681=		446=		482=		670=
Cadmium	ug/L		3.0U		5.0U		5.0U		5.0U
Chromium, Total	ug/L		7.3=		5.0U		5.0U		13.0=
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		21.2=		20.2J		9.2J		308=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-351A		2-351C		2-374A		2-395A	
		Sample Number	GW1259		GW1262		GW1362		GW1432	
		MinOfSamp Date	11-NOV-99		11-NOV-99		22-NOV-99		30-NOV-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**									
Arsenic	ug/L			10.0U		10.0U		10.0U		10.0U
Barium	ug/L			468=		327=		367=		512=
Cadmium	ug/L			3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L			8.4=		5.0U		157=		9.3=
Lead	ug/L			3.0U		3.0U		3.0U		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			4.4=		4.0U		65.5=		41.1=
Selenium	ug/L			5.0U		5.1=		5.0U		5.0U
Silver	ug/L			5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396A		2-397A		2-398A		2-399A	
	Sample Number	GW1208		GW0936		GW0894		GW1211	
	MinOfSamp Date	08-NOV-99		07-OCT-99		04-OCT-99		08-NOV-99	
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**								
Arsenic	ug/L		6.0U		10.0U		6.0U		38.7J
Barium	ug/L		411=		455=		399=		789=
Cadmium	ug/L		5.0U		3.0U		1.0U		5.0U
Chromium, Total	ug/L		6.4J		54.4=		1.0U		113=
Lead	ug/L		3.0U		3.0U		2.8J		3.9=
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		28.1J		65.6=		10.3J		128=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		1.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-409A		2-411A		2-412A		2-62A	
		Sample Number	GW1213		GW1195		GW0938		GW0899	
		MinOfSamp Date	08-NOV-99		05-NOV-99		07-OCT-99		05-OCT-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**									
Arsenic	ug/L		7.4J		10.0U		10.0U		10.0U	
Barium	ug/L		667=		223=		363=		556=	
Cadmium	ug/L		5.0U		3.0U		3.0U		3.0U	
Chromium, Total	ug/L		46.4=		5.0U		18.7=		44.7=	
Lead	ug/L		3.0U		3.0U		3.0U		3.7=	
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U	
Nickel	ug/L		322=		11.0=		345=		33.2=	
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U	
Silver	ug/L		5.0U		5.0U		5.0U		5.0U	

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-63A		2-64A		2-65A		2-66C
	Sample Number	GW0901		GW0903		GW0906		GW0863
	MinOfSamp Date	05-OCT-99		05-OCT-99		05-OCT-99		30-SEP-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U		6.0U
Barium	ug/L		571=		472=		199=		458=
Cadmium	ug/L		3.0U		3.0U		3.0U		1.0U
Chromium, Total	ug/L		15.0=		46.2=		390=		39.8=
Lead	ug/L		5.5=		5.7=		4.7=		2.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		69.1=		28.7=		121=		606=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		1.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-68C		2C		3B		41C	
		Sample Number	GW0857		GW0974		GW0942		GW1418	
		MinOfSamp Date	30-SEP-99		13-OCT-99		11-OCT-99		29-NOV-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**									
Arsenic	ug/L			47.7U		10.0U		10.2=		10.0U
Barium	ug/L			728=		442=		1030=		308=
Cadmium	ug/L			1.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L			903=		16.5=		5.0U		117=
Lead	ug/L			3.2U		3.0U		4.6=		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			359=		19.6=		4.0U		837=
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U
Silver	ug/L			1.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	41D		42C		43C		45CR
	Sample Number	GW1419		GW1421		GW0950		GW1068
	MinOfSamp Date	29-NOV-99		29-NOV-99		11-OCT-99		25-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		12.0=	10.0U
Barium	ug/L		277=		315=		187=	310=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		46.2=		20.1=		111=	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	4.6=
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U
Nickel	ug/L		4.6=		25.8=		292=	4.0U
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	45DR		46C		47C		4C
	Sample Number	GW1069		GW1108		GW1113		GW0977
	MinOfSamp Date	25-OCT-99		28-OCT-99		28-OCT-99		13-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	
Barium	ug/L		1040=		404=		453=	
Cadmium	ug/L		3.0U		3.0U		3.0U	
Chromium, Total	ug/L		26.4=		5.0U		6.2=	
Lead	ug/L		3.0U		3.0U		3.0U	
Mercury	ug/L		0.20U		0.20U		0.20U	
Nickel	ug/L		30.5=		4.0U		26.6=	
Selenium	ug/L		5.0U		5.0U		5.0U	
Silver	ug/L		5.0U		5.0U		5.0U	

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	58AR		59AR		5B		60C
	Sample Number	GW0746		GW1044		GW0957		GW1016
	MinOfSamp Date	17-SEP-99		20-OCT-99		12-OCT-99		15-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		18.7=		10.0U		10.0U		10.0U
Barium	ug/L		177U		426=		404=		201=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		5.0U		5.0U		5.0U		5.0U
Lead	ug/L		3.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		4.1U		4.0U		4.0U		4.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	61B		6A		76B		76D
	Sample Number	GW0876		GW0808		GW0979		GW0982
	MinOfSamp Date	01-OCT-99		24-SEP-99		13-OCT-99		13-OCT-99
	Aquifer Zone	LSZ		LSZ		LSZ		LSZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		10.0U		35.0=
Barium	ug/L		479=		357=		486=		722=
Cadmium	ug/L		1.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		1.0U		5.0U		5.0U		196=
Lead	ug/L		2.0U		3.0U		3.0U		3.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L		2.0U		4.0U		23.8=		287=
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		1.0U		5.0U		5.0U		5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	77C		77D	78B		79C
	Sample Number	GW0945		GW0946	GW0960		GW1057
	MinOfSamp Date	11-OCT-99		11-OCT-99	12-OCT-99		21-OCT-99
	Aquifer Zone	LSZ		LSZ	LSZ		LSZ
Parameter	**Units**						
Arsenic	ug/L		10.0U		10.0U	10.0U	10.0U
Barium	ug/L		620=		429=	372=	483=
Cadmium	ug/L		3.0U		3.0U	3.0U	3.0U
Chromium, Total	ug/L		5.0U		5.0U	9.2=	5.0U
Lead	ug/L		3.0U		3.0U	3.0U	3.0U
Mercury	ug/L		0.20U		0.20U	0.20U	0.20U
Nickel	ug/L		4.0U		4.0U	34.6=	4.0U
Selenium	ug/L		5.0U		5.0U	5.0U	5.0U
Silver	ug/L		5.0U		5.0U	5.0U	5.0U

TABLE A.40

Analytical Data Summary Table for Metals in the LSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	83C		84C		85B		86C		9C	
		Sample Number	GW1087		GW1061		GW0890		GW0964		GW0995	
		MinOfSamp Date	26-OCT-99		21-OCT-99		04-OCT-99		12-OCT-99		14-OCT-99	
		Aquifer Zone	LSZ		LSZ		LSZ		LSZ		LSZ	
Parameter	**Units**											
Arsenic	ug/L			10.0U		10.0U		6.0U		10.0U		10.0U
Barium	ug/L			107=		2200=		360=		409=		495=
Cadmium	ug/L			3.0U		3.0U		1.0U		3.0U		3.0U
Chromium, Total	ug/L			5.0U		26.6=		46.9=		6.1=		5.0U
Lead	ug/L			3.0U		3.0U		6.9=		3.0U		3.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U		0.20U
Nickel	ug/L			83.2=		4.0U		33.0J		368=		4.0U
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U		5.0U
Silver	ug/L			5.0U		5.0U		1.4U		5.0U		5.0U

TABLE A.41
Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10D		13C		2-106C		2-111C	
	Sample Number	GW1026		GW0811		GW0522		GW0525	
	MinOfSamp Date	19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L	1U		1U		1U		1U	
1,1,1-Trichloroethane	ug/L	1U		1U		1U		1U	
1,1,2,2-Tetrachloroethane	ug/L	1U		1U		1U		1U	
1,1,2-Trichloroethane	ug/L	1U		1U		1U		1U	
1,1-Dichloroethane	ug/L	1U		1U		1U		1U	
1,1-Dichloroethene	ug/L	1U		1U		1UJ		1UJ	
1,1-Dichloropropene	ug/L	1U		1U		1U		1U	
1,2,3-Trichlorobenzene	ug/L	1U		1U		1UJ		1UJ	
1,2,3-Trichloropropane	ug/L	1U		1U		1U		1U	
1,2,4-Trichlorobenzene	ug/L	1U		1U		1U		1U	
1,2,4-Trimethylbenzene	ug/L	1U		1U		1U		1U	
1,2-Dibromo-3-chloropropane	ug/L	1U		1UJ		1U		1U	
1,2-Dibromoethane (ethylene Dibromide)	ug/L	1U		1U		1U		1U	
1,2-Dichlorobenzene	ug/L	1U		1U		1U		1R	
1,2-Dichloroethane	ug/L	1U		1UJ		1U		1R	
1,2-Dichloropropane	ug/L	1U		1U		1U		1U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/L	1U		1U		1U		1R	
1,3-Dichlorobenzene	ug/L	1U		1U		1U		1U	
1,3-Dichloropropane	ug/L	1U		1U		1U		1U	
1,4-Dichlorobenzene	ug/L	1U		1U		1U		1U	
2,2-Dichloropropane	ug/L	1U		1U		1U		1U	
2-Butanone	ug/L	5U		5U		5R		5R	
2-Chlorotoluene	ug/L	1U		1U		1U		1U	
4-Chlorotoluene	ug/L	1U		1U		1U		1U	
4-Isopropyltoluene	ug/L	1U		1U		1U		1U	
Acetone	ug/L	5U		5UJ		5R		5R	
Benzene	ug/L	1U		1U		1U		1U	
Bromobenzene	ug/L	1U		1U		1U		1U	
Bromochloromethane	ug/L	1U		1U		1U		1U	
Bromodichloromethane	ug/L	1U		1U		1U		1U	
Bromoform	ug/L	1U		1U		1U		1U	
Bromomethane	ug/L	1U		1R		1U		1UJ	
Carbon Tetrachloride	ug/L	1U		1U		1U		1UJ	

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

Parameter	Units	MinOfWell	10D		13C		2-106C		2-111C	
		Sample Number	GW1026		GW0811		GW0522		GW0525	
		MinOfSamp Date	19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99	
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Chlorobenzene	ug/L		1U		1U		1U		1U	
Chloroethane	ug/L		1U		1UJ		1U		1UJ	
Chloroform	ug/L		1U		1U		1U		1U	
Chloromethane	ug/L		1U		1U		1U		1U	
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U	
Dibromochloromethane	ug/L		1U		1U		1U		1U	
Dibromomethane	ug/L		1U		1U		1U		1U	
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U	
Ethylbenzene	ug/L		1U		1U		1U		1U	
Hexachlorobutadiene	ug/L		1U		1U		1U		1U	
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U	
m&p-Xylenes	ug/L		1U		1U		1U		1U	
Methylene Chloride	ug/L		1.5=		1UJ		1U		1U	
n-Butylbenzene	ug/L		1U		1U		1U		1U	
n-Propylbenzene	ug/L		1U		1U		1U		1U	
Naphthalene	ug/L		1U		1U		1U		1U	
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U	
Sec-butylbenzene	ug/L		1U		1U		1U		1U	
Styrene	ug/L		1U		1U		1U		1U	
tert-butylbenzene	ug/L		1U		1U		1U		1U	
Tetrachloroethene	ug/L		1U		1U		1U		1U	
Toluene	ug/L		1U		1U		1U		1U	
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U	
Trichloroethene	ug/L		1U		1U		1U		1U	
Trichlorofluoromethane	ug/L		1U		1UJ		1U		1U	
Vinyl Chloride	ug/L		1U		1U		1U		1U	

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D		2-132D		2-133D		2-134C	
	Sample Number	GW1154		GW1100		GW1119		GW0848	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1UJ
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1UJ
2-Butanone	ug/L		5U		5U		5U		5R
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1UJ
Bromoform	ug/L		1U		1U		1U		1UJ
Bromomethane	ug/L		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D		2-132D		2-133D		2-134C	
	Sample Number	GW1154		GW1100		GW1119		GW0848	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	Units								
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1.1=		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.41
Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-138C		2-140C		2-141C		2-142C	
	Sample Number	GW1250		GW1326		GW0934		GW0928	
	MinOfSamp Date	11-NOV-99		18-NOV-99		07-OCT-99		07-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1UJ
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5U		5U		5U		5UJ
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1UJ
Bromodichloromethane	ug/L		1U		1U		1U		1UJ
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1R
Carbon Tetrachloride	ug/L		1U		1U		1U		1UJ

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-138C		2-140C		2-141C		2-142C	
	Sample Number	GW1250		GW1326		GW0934		GW0928	
	MinOfSamp Date	11-NOV-99		18-NOV-99		07-OCT-99		07-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	Units								
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1UJ
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1UJ
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-147D		2-21C		2-221D		2-328C	
	Sample Number	GW0817		GW0531		GW1150		GW1257	
	MinOfSamp Date	24-SEP-99		26-AUG-99		02-NOV-99		11-NOV-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1UJ		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1UJ		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1UJ		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1R		1U		1U
1,2-Dichloroethane	ug/L		1UJ		1R		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1R		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5U		5R		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5UJ		5R		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1UJ		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U
Bromoform	ug/L		1UJ		1U		1U		1U
Bromomethane	ug/L		1R		1UJ		1U		1U
Carbon Tetrachloride	ug/L		1U		1UJ		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-147D		2-21C		2-221D		2-328C	
	Sample Number	GW0817		GW0531		GW1150		GW1257	
	MinOfSamp Date	24-SEP-99		26-AUG-99		02-NOV-99		11-NOV-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1UJ		1UJ		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1UJ		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1UJ		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C		42D		43D		46D	
	Sample Number	GW1210		GW1422		GW0951		GW1110	
	MinOfSamp Date	08-NOV-99		29-NOV-99		11-OCT-99		28-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	Units								
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U		1U
2-Butanone	ug/L		5UJ		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U		1U
Acetone	ug/L		5R		5U		5U		5U
Benzene	ug/L		1U		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U		1U
Bromoform	ug/L		1U		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C		42D		43D		46D	
	Sample Number	GW1210		GW1422		GW0951		GW1110	
	MinOfSamp Date	08-NOV-99		29-NOV-99		11-OCT-99		28-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Chlorobenzene	ug/L		1U		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U		1U
Chloroform	ug/L		1U		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U		1U
Methylene Chloride	ug/L		1U		1.6=		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U		1U
Styrene	ug/L		1U		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U		1U
Toluene	ug/L		1U		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	47D		59D		60D	
	Sample Number	GW1114		GW1047		GW1018	
	MinOfSamp Date	28-OCT-99		20-OCT-99		15-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1U
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1U
1,2-Dichloropropane	ug/L		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U
Acetone	ug/L		5U		1J		5U
Benzene	ug/L		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U
Bromoform	ug/L		1U		1U		1U
Bromomethane	ug/L		1U		1U		1U
Carbon Tetrachloride	ug/L		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	47D		59D		60D	
	Sample Number	GW1114		GW1047		GW1018	
	MinOfSamp Date	28-OCT-99		20-OCT-99		15-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
Chlorobenzene	ug/L		1U		1U		1U
Chloroethane	ug/L		1U		1U		1U
Chloroform	ug/L		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1U
Ethylbenzene	ug/L		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1U
n-Butylbenzene	ug/L		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U
Styrene	ug/L		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U
Toluene	ug/L		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1U
Vinyl Chloride	ug/L		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	79D		84D		85D	
	Sample Number	GW1058		GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
1,1,1,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,1-Trichloroethane	ug/L		1U		1U		1U
1,1,2,2-Tetrachloroethane	ug/L		1U		1U		1U
1,1,2-Trichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethane	ug/L		1U		1U		1U
1,1-Dichloroethene	ug/L		1U		1U		1U
1,1-Dichloropropene	ug/L		1U		1U		1U
1,2,3-Trichlorobenzene	ug/L		1U		1U		1U
1,2,3-Trichloropropane	ug/L		1U		1U		1U
1,2,4-Trichlorobenzene	ug/L		1U		1U		1U
1,2,4-Trimethylbenzene	ug/L		1U		1U		1U
1,2-Dibromo-3-chloropropane	ug/L		1U		1U		1UJ
1,2-Dibromoethane (ethylene Dibromide)	ug/L		1U		1U		1U
1,2-Dichlorobenzene	ug/L		1U		1U		1U
1,2-Dichloroethane	ug/L		1U		1U		1UJ
1,2-Dichloropropane	ug/L		1U		1U		1U
1,3,5-Trimethylbenzene (Mesitylene)	ug/L		1U		1U		1U
1,3-Dichlorobenzene	ug/L		1U		1U		1U
1,3-Dichloropropane	ug/L		1U		1U		1U
1,4-Dichlorobenzene	ug/L		1U		1U		1U
2,2-Dichloropropane	ug/L		1U		1U		1U
2-Butanone	ug/L		5U		5U		5U
2-Chlorotoluene	ug/L		1U		1U		1U
4-Chlorotoluene	ug/L		1U		1U		1U
4-Isopropyltoluene	ug/L		1U		1U		1U
Acetone	ug/L		5U		5U		5UJ
Benzene	ug/L		1U		1U		1U
Bromobenzene	ug/L		1U		1U		1U
Bromochloromethane	ug/L		1U		1U		1U
Bromodichloromethane	ug/L		1U		1U		1U
Bromoform	ug/L		1U		1U		1U
Bromomethane	ug/L		1U		1U		1R
Carbon Tetrachloride	ug/L		1U		1U		1U

TABLE A.41

Analytical Data Summary Table for VOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	79D		84D		85D	
	Sample Number	GW1058		GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ	
Parameter	**Units**						
Chlorobenzene	ug/L		1U		1U		1U
Chloroethane	ug/L		1U		1U		1UJ
Chloroform	ug/L		1U		1U		1U
Chloromethane	ug/L		1U		1U		1U
cis-1,2-Dichloroethene	ug/L		1U		1U		1U
Dibromochloromethane	ug/L		1U		1U		1U
Dibromomethane	ug/L		1U		1U		1U
Dichlorodifluoromethane	ug/L		1U		1U		1UJ
Ethylbenzene	ug/L		1U		1U		1U
Hexachlorobutadiene	ug/L		1U		1U		1U
Isopropylbenzene (Cumene)	ug/L		1U		1U		1U
m&p-Xylenes	ug/L		1U		1U		1U
Methylene Chloride	ug/L		1U		1U		1UJ
n-Butylbenzene	ug/L		1U		1U		1U
n-Propylbenzene	ug/L		1U		1U		1U
Naphthalene	ug/L		1U		1U		1U
o-Xylene (1,2-dimethylbenzene)	ug/L		1U		1U		1U
Sec-butylbenzene	ug/L		1U		1U		1U
Styrene	ug/L		1U		1U		1U
tert-butylbenzene	ug/L		1U		1U		1U
Tetrachloroethene	ug/L		1U		1U		1U
Toluene	ug/L		1U		1U		1U
trans-1,2-Dichloroethene	ug/L		1U		1U		1U
Trichloroethene	ug/L		1U		1U		1U
Trichlorofluoromethane	ug/L		1U		1U		1UJ
Vinyl Chloride	ug/L		1U		1U		1U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10D		13C		2-106C		2-111C	
	Sample Number	GW1026		GW0811		GW0522		GW0525	
	MinOfSamp Date	19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
1,2,4-Trichlorobenzene	ug/L		10U		10U		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U		10U		10U
2,4-Dinitrophenol	ug/L		50U		50UJ		50U		50U
2,4-Dinitrotoluene	ug/L		10U		10U		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U		10U		10U
2-Chloronaphthalene	ug/L		10U		10U		10U		10U
2-Chlorophenol	ug/L		10U		10U		10U		10U
2-Methylnaphthalene	ug/L		10U		10U		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U		10U		10U
2-Nitroaniline	ug/L		50U		50U		50U		50U
2-Nitrophenol	ug/L		10U		10U		10U		10U
3+4-Methylphenol	ug/L		10U		10U		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20U		20U		20U
3-Nitroaniline	ug/L		50U		50UJ		50UJ		50UJ
4,6-Dinitro-2-methylphenol	ug/L		50U		50U		50U		50U
4-Bromophenyl Phenyl Ether	ug/L		10U		10UJ		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U		10U		10U
4-Chloroaniline	ug/L		10U		10UJ		10U		10U
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U		10U		10U
4-Nitroaniline	ug/L		50U		50UJ		50U		50U
4-Nitrophenol	ug/L		50U		50U		50U		50U
Acenaphthene	ug/L		10U		10U		10U		10U
Acenaphthylene	ug/L		10U		10U		10U		10U
Anthracene	ug/L		10U		10U		10U		10U
Benzo(a)anthracene	ug/L		10U		10U		10U		10U
Benzo(a)pyrene	ug/L		10U		10U		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10UJ		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10D		13C		2-106C		2-111C	
	Sample Number	GW1026		GW0811		GW0522		GW0525	
	MinOfSamp Date	19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10UJ		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10UJ		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10UJ		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10UJ		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10UJ		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10UJ		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D	2-132D	2-133D	2-134C
	Sample Number	GW1154	GW1100	GW1119	GW0848
	MinOfSamp Date	02-NOV-99	27-OCT-99	28-OCT-99	30-SEP-99
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20UJ
3-Nitroaniline	ug/L	50U	50U	50U	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50UJ
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10UJ
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D		2-132D		2-133D		2-134C	
	Sample Number	GW1154		GW1100		GW1119		GW0848	
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		1.4J		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10UJ
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10UJ
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.42
Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-138C	2-140C	2-141C	2-142C
	Sample Number	GW1250	GW1326	GW0934	GW0928
	MinOfSamp Date	11-NOV-99	18-NOV-99	07-OCT-99	07-OCT-99
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50UJ
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20UJ
3-Nitroaniline	ug/L	50U	50U	50U	50R
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10R
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50UJ
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-138C		2-140C		2-141C		2-142C
	Sample Number	GW1250		GW1326		GW0934		GW0928
	MinOfSamp Date	11-NOV-99		18-NOV-99		07-OCT-99		07-OCT-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
Benzo(g,h,i)perylene	ug/L		10U		10U		10U	10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U	10U
Benzoic Acid	ug/L		50U		50U		50U	50U
Benzyl Alcohol	ug/L		10U		10U		10U	10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U	10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U	10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U	10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U	1.7J
Butylbenzylphthalate	ug/L		10U		10U		10U	10UJ
Chrysene	ug/L		10U		10U		10U	10U
Di-n-butylphthalate	ug/L		10U		10U		10U	10U
Di-n-octylphthalate	ug/L		10U		10U		10U	10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U	10U
Dibenzofuran	ug/L		10U		10U		10U	10U
Diethylphthalate	ug/L		10U		10U		10U	10U
Dimethylphthalate	ug/L		10U		10U		10U	10U
Fluoranthene	ug/L		10U		10U		10U	10U
Fluorene	ug/L		10U		10U		10U	10U
Hexachlorobenzene	ug/L		10U		10U		10U	10U
Hexachlorobutadiene	ug/L		10U		10U		10U	10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U	10U
Hexachloroethane	ug/L		10U		10U		10U	10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U	10U
Isophorone	ug/L		10U		10U		10U	10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U	10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U	10UJ
Naphthalene	ug/L		10U		10U		10U	10U
Nitrobenzene	ug/L		10U		10U		10U	10U
Pentachlorophenol	ug/L		50U		50U		50U	50U
Phenanthrene	ug/L		10U		10U		10U	10U
Phenol	ug/L		10U		10U		10U	10U
Pyrene	ug/L		10U		10U		10U	10UJ

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-147D	2-21C	2-221D	2-328C
	Sample Number	GW0817	GW0531	GW1150	GW1257
	MinOfSamp Date	24-SEP-99	26-AUG-99	02-NOV-99	11-NOV-99
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10UJ	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50UJ	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10UJ	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10UJ	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50UJ	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10UJ	10U	10U	10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-147D		2-21C		2-221D		2-328C	
	Sample Number	GW0817		GW0531		GW1150		GW1257	
	MinOfSamp Date	24-SEP-99		26-AUG-99		02-NOV-99		11-NOV-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10UJ		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10UJ		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10UJ		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		36=		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10UJ		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		2.4J		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10UJ		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10UJ		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10UJ		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10UJ		10U		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C	42D	43D	46D
	Sample Number	GW1210	GW1422	GW0951	GW1110
	MinOfSamp Date	08-NOV-99	29-NOV-99	11-OCT-99	28-OCT-99
	Aquifer Zone	LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50UJ	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20UJ	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50UJ	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C		42D		43D		46D	
	Sample Number	GW1210		GW1422		GW0951		GW1110	
	MinOfSamp Date	08-NOV-99		29-NOV-99		11-OCT-99		28-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10UJ		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

MinOfWell		47D	59D	60D	79D
Sample Number		GW1114	GW1047	GW1018	GW1058
MinOfSamp Date		28-OCT-99	20-OCT-99	15-OCT-99	21-OCT-99
Aquifer Zone		LLSZ	LLSZ	LLSZ	LLSZ
Parameter	**Units**				
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	50U	50U	50U	50U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	50U	50U	50U	50U
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U
2-Methylphenol (o-cresol)	ug/L	10U	10U	10U	10U
2-Nitroaniline	ug/L	50U	50U	50U	50U
2-Nitrophenol	ug/L	10U	10U	10U	10U
3+4-Methylphenol	ug/L	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/L	20U	20U	20U	20U
3-Nitroaniline	ug/L	50U	50U	50U	50U
4,6-Dinitro-2-methylphenol	ug/L	50U	50U	50U	50U
4-Bromophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U
4-Chlorophenyl Phenyl Ether	ug/L	10U	10U	10U	10U
4-Nitroaniline	ug/L	50U	50U	50U	50U
4-Nitrophenol	ug/L	50U	50U	50U	50U
Acenaphthene	ug/L	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	47D		59D		60D		79D	
	Sample Number	GW1114		GW1047		GW1018		GW1058	
	MinOfSamp Date	28-OCT-99		20-OCT-99		15-OCT-99		21-OCT-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Benzo(g,h,i)perylene	ug/L		10U		10U		10U		10U
Benzo(k)fluoranthene	ug/L		10U		10U		10U		10U
Benzoic Acid	ug/L		50U		50U		50U		50U
Benzyl Alcohol	ug/L		10U		10U		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U		10U		10U
Butylbenzylphthalate	ug/L		10U		10U		10U		10U
Chrysene	ug/L		10U		10U		10U		10U
Di-n-butylphthalate	ug/L		10U		10U		10U		10U
Di-n-octylphthalate	ug/L		10U		10U		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10U		10U		10U
Dibenzofuran	ug/L		10U		10U		10U		10U
Diethylphthalate	ug/L		10U		10U		10U		10U
Dimethylphthalate	ug/L		10U		10U		10U		10U
Fluoranthene	ug/L		10U		10U		10U		10U
Fluorene	ug/L		10U		10U		10U		10U
Hexachlorobenzene	ug/L		10U		10U		10U		10U
Hexachlorobutadiene	ug/L		10U		10U		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U		10U		10U
Hexachloroethane	ug/L		10U		10U		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10U		10U		10U
Isophorone	ug/L		10U		10U		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U		10U		10U
Naphthalene	ug/L		10U		10U		10U		10U
Nitrobenzene	ug/L		10U		10U		10U		10U
Pentachlorophenol	ug/L		50U		50U		50U		50U
Phenanthrene	ug/L		10U		10U		10U		10U
Phenol	ug/L		10U		10U		10U		10U
Pyrene	ug/L		10U		10U		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	84D		85D	
	Sample Number	GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ	
Parameter	Units				
1,2,4-Trichlorobenzene	ug/L		10U		10U
1,2-Dichlorobenzene	ug/L		10U		10U
1,3-Dichlorobenzene	ug/L		10U		10U
1,4-Dichlorobenzene	ug/L		10U		10U
2,4,5-Trichlorophenol	ug/L		50U		50U
2,4,6-Trichlorophenol	ug/L		10U		10U
2,4-Dichlorophenol	ug/L		10U		10U
2,4-Dimethylphenol	ug/L		10U		10U
2,4-Dinitrophenol	ug/L		50U		50UJ
2,4-Dinitrotoluene	ug/L		10U		10U
2,6-Dinitrotoluene	ug/L		10U		10U
2-Chloronaphthalene	ug/L		10U		10U
2-Chlorophenol	ug/L		10U		10U
2-Methylnaphthalene	ug/L		10U		10U
2-Methylphenol (o-cresol)	ug/L		10U		10U
2-Nitroaniline	ug/L		50U		50U
2-Nitrophenol	ug/L		10U		10U
3+4-Methylphenol	ug/L		10U		10U
3,3'-Dichlorobenzidine	ug/L		20U		20UJ
3-Nitroaniline	ug/L		50U		50R
4,6-Dinitro-2-methylphenol	ug/L		50U		50UJ
4-Bromophenyl Phenyl Ether	ug/L		10U		10U
4-Chloro-3-methylphenol	ug/L		10U		10U
4-Chloroaniline	ug/L		10U		10UJ
4-Chlorophenyl Phenyl Ether	ug/L		10U		10U
4-Nitroaniline	ug/L		50U		50U
4-Nitrophenol	ug/L		50U		50U
Acenaphthene	ug/L		10U		10U
Acenaphthylene	ug/L		10U		10U
Anthracene	ug/L		10U		10U
Benzo(a)anthracene	ug/L		10U		10U
Benzo(a)pyrene	ug/L		10U		10U
Benzo(b)fluoranthene	ug/L		10U		10U

TABLE A.42

Analytical Data Summary Table for SVOCs in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	84D		85D	
	Sample Number	GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ	
Parameter	**Units**				
Benzo(g,h,i)perylene	ug/L		10U		10UJ
Benzo(k)fluoranthene	ug/L		10U		10U
Benzoic Acid	ug/L		50U		50U
Benzyl Alcohol	ug/L		10U		10U
Bis(2-chloroethoxy) Methane	ug/L		10U		10U
Bis(2-chloroethyl)ether	ug/L		10U		10U
Bis(2-chloroisopropyl) Ether	ug/L		10U		10U
Bis(2-ethylhexyl)phthalate	ug/L		10U		10U
Butylbenzylphthalate	ug/L		10U		10U
Chrysene	ug/L		10U		10U
Di-n-butylphthalate	ug/L		10U		10U
Di-n-octylphthalate	ug/L		10U		10U
Dibenz(a,h)anthracene	ug/L		10U		10UJ
Dibenzofuran	ug/L		10U		10U
Diethylphthalate	ug/L		10U		10U
Dimethylphthalate	ug/L		10U		10U
Fluoranthene	ug/L		10U		10U
Fluorene	ug/L		10U		10U
Hexachlorobenzene	ug/L		10U		10U
Hexachlorobutadiene	ug/L		10U		10U
Hexachlorocyclopentadiene	ug/L		10U		10U
Hexachloroethane	ug/L		10U		10U
Indeno_1,2,3-cd_pyrene	ug/L		10U		10UJ
Isophorone	ug/L		10U		10U
N-Nitroso-di-n-propylamine	ug/L		10U		10U
N-Nitrosodiphenylamine	ug/L		10U		10U
Naphthalene	ug/L		10U		10U
Nitrobenzene	ug/L		10U		10U
Pentachlorophenol	ug/L		50U		50U
Phenanthrene	ug/L		10U		10U
Phenol	ug/L		10U		10U
Pyrene	ug/L		10U		10U

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

MinOfWell		10D		13C		2-106C		2-111C			
Sample Number		GW1026		GW0811		GW0522		GW0525			
MinOfSamp Date		19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99			
Aquifer Zone		LLSZ		LLSZ		LLSZ		LLSZ			
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.071U		
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.071U		
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.071U		
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.51U		
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.66U		
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.51U		
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.51U		
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.51U		
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.51U		
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.51U		
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.071U		
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.071U		
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.071U		
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.071U		
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.071U		
Endrin	ug/L		0.070U		0.070U		0.070U		0.071U		
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D		2-132D		2-133D		2-134C
	Sample Number	GW1154		GW1100		GW1119		GW0848
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-138C		2-140C		2-141C		2-142C
	Sample Number	GW1250		GW1326		GW0934		GW0928
	MinOfSamp Date	11-NOV-99		18-NOV-99		07-OCT-99		07-OCT-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.071U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.071U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.071U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.031U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.031U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.031U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.66U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.51U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.51U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.031U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.031U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.071U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.031U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.071U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.071U
Endrin	ug/L		0.070U		0.070U		0.070U	0.071U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.031U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.031U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.031U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.031U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.31U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-147D		2-21C		2-221D	2-328C
		Sample Number	GW0817		GW0531		GW1150	GW1257
		MinOfSamp Date	24-SEP-99		26-AUG-99		02-NOV-99	11-NOV-99
		Aquifer Zone	LLSZ		LLSZ		LLSZ	LLSZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C		42D		43D		46D
	Sample Number	GW1210		GW1422		GW0951		GW1110
	MinOfSamp Date	08-NOV-99		29-NOV-99		11-OCT-99		28-OCT-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
4,4'-DDD	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDE	ug/L		0.070U		0.070U		0.070U	0.070U
4,4'-DDT	ug/L		0.070U		0.070U		0.070U	0.070U
Aldrin	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Aroclor-1016	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1221	ug/L		0.65U		0.65U		0.65U	0.65U
Aroclor-1232	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1242	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1248	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1254	ug/L		0.50U		0.50U		0.50U	0.50U
Aroclor-1260	ug/L		0.50U		0.50U		0.50U	0.50U
Beta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Delta-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Dieldrin	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan I	ug/L		0.030U		0.030U		0.030U	0.030U
Endosulfan II	ug/L		0.070U		0.070U		0.070U	0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin Ketone	ug/L		0.070U		0.070U		0.070U	0.070U
Endrin	ug/L		0.070U		0.070U		0.070U	0.070U
Gamma-BHC	ug/L		0.030U		0.030U		0.030U	0.030U
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U	0.030U
Heptachlor	ug/L		0.030U		0.030U		0.030U	0.030U
Methoxychlor	ug/L		0.30U		0.30U		0.30U	0.30U
Toxaphene	ug/L		2.0U		2.0U		2.0U	2.0U

TABLE A.43

Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	47D		59D		60D		79D		
		Sample Number	GW1114		GW1047		GW1018		GW1058		
		MinOfSamp Date	28-OCT-99		20-OCT-99		15-OCT-99		21-OCT-99		
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ		
Parameter	**Units**										
4,4'-DDD	ug/L		0.070U		0.070U		0.070U		0.070U		
4,4'-DDE	ug/L		0.070U		0.070U		0.070U		0.070U		
4,4'-DDT	ug/L		0.070U		0.070U		0.070U		0.070U		
Aldrin	ug/L		0.030U		0.030U		0.030U		0.030U		
Alpha-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Alpha-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		
Aroclor-1016	ug/L		0.50U		0.50U		0.50U		0.50U		
Aroclor-1221	ug/L		0.65U		0.65U		0.65U		0.65U		
Aroclor-1232	ug/L		0.50U		0.50U		0.50U		0.50U		
Aroclor-1242	ug/L		0.50U		0.50U		0.50U		0.50U		
Aroclor-1248	ug/L		0.50U		0.50U		0.50U		0.50U		
Aroclor-1254	ug/L		0.50U		0.50U		0.50U		0.50U		
Aroclor-1260	ug/L		0.50U		0.50U		0.50U		0.50U		
Beta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Delta-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Dieldrin	ug/L		0.070U		0.070U		0.070U		0.070U		
Endosulfan I	ug/L		0.030U		0.030U		0.030U		0.030U		
Endosulfan II	ug/L		0.070U		0.070U		0.070U		0.070U		
Endosulfan Sulfate	ug/L		0.070U		0.070U		0.070U		0.070U		
Endrin Aldehyde	ug/L		0.070U		0.070U		0.070U		0.070U		
Endrin Ketone	ug/L		0.070U		0.070U		0.070U		0.070U		
Endrin	ug/L		0.070U		0.070U		0.070U		0.070U		
Gamma-BHC	ug/L		0.030U		0.030U		0.030U		0.030U		
Gamma-chlordane	ug/L		0.030U		0.030U		0.030U		0.030U		
Heptachlor Epoxide	ug/L		0.030U		0.030U		0.030U		0.030U		
Heptachlor	ug/L		0.030U		0.030U		0.030U		0.030U		
Methoxychlor	ug/L		0.30U		0.30U		0.30U		0.30U		
Toxaphene	ug/L		2.0U		2.0U		2.0U		2.0U		

TABLE A.43
Analytical Data Summary Table for Pesticides in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	84D		85D	
	Sample Number	GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ	
Parameter	**Units**				
4,4'-DDD	ug/L		0.070U		0.070U
4,4'-DDE	ug/L		0.070U		0.070U
4,4'-DDT	ug/L		0.070U		0.070U
Aldrin	ug/L		0.030U		0.030U
Alpha-BHC	ug/L		0.030U		0.030U
Alpha-chlordane	ug/L		0.030U		0.030U
Aroclor-1016	ug/L		0.50U		0.50U
Aroclor-1221	ug/L		0.65U		0.65U
Aroclor-1232	ug/L		0.50U		0.50U
Aroclor-1242	ug/L		0.50U		0.50U
Aroclor-1248	ug/L		0.50U		0.50U
Aroclor-1254	ug/L		0.50U		0.50U
Aroclor-1260	ug/L		0.50U		0.50U
Beta-BHC	ug/L		0.030U		0.030U
Delta-BHC	ug/L		0.030U		0.030U
Dieldrin	ug/L		0.070U		0.070U
Endosulfan I	ug/L		0.030U		0.030U
Endosulfan II	ug/L		0.070U		0.070U
Endosulfan Sulfate	ug/L		0.070U		0.070U
Endrin Aldehyde	ug/L		0.070U		0.070U
Endrin Ketone	ug/L		0.070U		0.070U
Endrin	ug/L		0.070U		0.070U
Gamma-BHC	ug/L		0.030U		0.030U
Gamma-chlordane	ug/L		0.030U		0.030U
Heptachlor Epoxide	ug/L		0.030U		0.030U
Heptachlor	ug/L		0.030U		0.030U
Methoxychlor	ug/L		0.30U		0.30U
Toxaphene	ug/L		2.0U		2.0U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	10D		13C		2-106C		2-111C	
	Sample Number	GW1026		GW0811		GW0522		GW0525	
	MinOfSamp Date	19-OCT-99		24-SEP-99		26-AUG-99		26-AUG-99	
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**								
Arsenic	ug/L		10.0U		10.0U		10.0U		10.0U
Barium	ug/L		233=		367=		580=		418=
Cadmium	ug/L		3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L		21.0=		7.2=		7.4=		5.0U
Lead	ug/L		3.0U		3.0U		6.3=		4.8=
Nickel	ug/L		4.0U		4.0U		16.2=		4.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-131D		2-132D		2-133D		2-134C
	Sample Number	GW1154		GW1100		GW1119		GW0848
	MinOfSamp Date	02-NOV-99		27-OCT-99		28-OCT-99		30-SEP-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
Arsenic	ug/L		6.0U		10.0U		10.0U	6.0U
Barium	ug/L		420=		306=		27.9=	616=
Cadmium	ug/L		5.0U		3.0U		3.0U	1.0U
Chromium, Total	ug/L		93.6=		9.2=		29.4=	8.1J
Lead	ug/L		3.0U		3.0U		3.0U	2.0U
Nickel	ug/L		892=		165=		66.0=	3.5J
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	1.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

		MinOfWell	2-138C		2-140C		2-141C		2-142C	
		Sample Number	GW1250		GW1326		GW0934		GW0928	
		MinOfSamp Date	11-NOV-99		18-NOV-99		07-OCT-99		07-OCT-99	
		Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ	
Parameter	**Units**									
Arsenic	ug/L			10.0U		10.0U		10.0U		10.0U
Barium	ug/L			257=		603=		711=		335=
Cadmium	ug/L			3.0U		3.0U		3.0U		3.0U
Chromium, Total	ug/L			5.0U		39.7=		5.0U		5.0U
Lead	ug/L			3.0U		3.0U		3.0U		3.0U
Nickel	ug/L			4.0U		15.5=		4.0U		4.0U
Selenium	ug/L			5.0U		5.0U		5.0U		5.0U
Silver	ug/L			5.0U		5.0U		5.0U		5.0U
Mercury	ug/L			0.20U		0.20U		0.20U		0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

MinOfWell	2-147D		2-21C		2-221D		2-328C
Sample Number	GW0817		GW0531		GW1150		GW1257
MinOfSamp Date	24-SEP-99		26-AUG-99		02-NOV-99		11-NOV-99
Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**						
Arsenic	ug/L		10.0U		10.0U		6.0U		16.2=
Barium	ug/L		397=		566=		205=		119=
Cadmium	ug/L		3.0U		3.0U		5.0U		3.0U
Chromium, Total	ug/L		6.0=		5.0U		5.0U		5.0U
Lead	ug/L		3.0U		3.4=		3.0U		3.0U
Nickel	ug/L		35.6=		4.0U		5.0U		4.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	2-396C		42D		43D		46D
	Sample Number	GW1210		GW1422		GW0951		GW1110
	MinOfSamp Date	08-NOV-99		29-NOV-99		11-OCT-99		28-OCT-99
	Aquifer Zone	LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
Arsenic	ug/L		7.2J		10.0U		10.0U		10.0U
Barium	ug/L		546=		2400=		284=		440=
Cadmium	ug/L		5.0U		6.5=		3.0U		3.0U
Chromium, Total	ug/L		26.1=		5.0U		5.0U		5.0U
Lead	ug/L		3.0U		3.0=		3.0U		3.0U
Nickel	ug/L		167=		15.4=		4.0U		4.0U
Selenium	ug/L		5.0U		5.0U		5.0U		5.0U
Silver	ug/L		5.0U		5.0U		5.0U		5.0U
Mercury	ug/L		0.20U		0.20U		0.20U		0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999

Tinker AFB, Oklahoma City, Oklahoma

MinOfWell		47D		59D		60D		79D
Sample Number		GW1114		GW1047		GW1018		GW1058
MinOfSamp Date		28-OCT-99		20-OCT-99		15-OCT-99		21-OCT-99
Aquifer Zone		LLSZ		LLSZ		LLSZ		LLSZ
Parameter	**Units**							
Arsenic	ug/L		10.0U		10.0U		10.0U	10.0U
Barium	ug/L		392=		336=		311=	400=
Cadmium	ug/L		3.0U		3.0U		3.0U	3.0U
Chromium, Total	ug/L		18.8=		5.0U		7.2=	5.0U
Lead	ug/L		3.0U		3.0U		3.0U	3.0U
Nickel	ug/L		52.3=		6.3=		44.1=	4.2=
Selenium	ug/L		5.0U		5.0U		5.0U	5.0U
Silver	ug/L		5.0U		5.0U		5.0U	5.0U
Mercury	ug/L		0.20U		0.20U		0.20U	0.20U

TABLE A.44

Analytical Data Summary Table for Metals in the LLSZ Aquifer for 1999
Tinker AFB, Oklahoma City, Oklahoma

	MinOfWell	84D		85D	
	Sample Number	GW1063		GW0892	
	MinOfSamp Date	21-OCT-99		04-OCT-99	
	Aquifer Zone	LLSZ		LLSZ	
Parameter	**Units**				
Arsenic	ug/L		10.0U		6.0U
Barium	ug/L		351=		451=
Cadmium	ug/L		3.0U		1.0U
Chromium, Total	ug/L		74.9=		2.8J
Lead	ug/L		3.0U		2.0U
Nickel	ug/L		721=		2.0U
Selenium	ug/L		5.0U		5.0U
Silver	ug/L		5.0U		1.0U
Mercury	ug/L		0.20U		0.20U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 1, Lot 1	Block 1, Lot 2	Block 1, Lot 4
	SampleID	293639	281639	293397
	SampleDate	26-Apr-01	22-Aug-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001
Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 1, Lot 1	Block 1, Lot 2	Block 1, Lot 4
	SampleID	293639	281639	293397
	SampleDate	26-Apr-01	22-Aug-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	1.6N	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45
Analytical Data Summary Table for VOCs in the USZ for 2001
Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 1, Lot 5	Block 2, Lot 1	Block 2, Lot 3
	SampleID	296977	281640	293395
	SampleDate	05-Jul-01	22-Aug-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 1, Lot 5	Block 2, Lot 1	Block 2, Lot 3
	SampleID	296977	281640	293395
	SampleDate	05-Jul-01	22-Aug-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5J	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5J
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45
Analytical Data Summary Table for VOCs in the USZ for 2001
Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 2, Lot 6	Block 2, Lot 7	Block 2, Lot 9
	SampleID	293138	292946	293393
	SampleDate	19-Apr-01	17-Apr-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 2, Lot 6	Block 2, Lot 7	Block 2, Lot 9
	SampleID	293138	292946	293393
	SampleDate	19-Apr-01	17-Apr-01	24-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 2, Lot 11		Block 2, Lot 12		Block 3, Lot 1	
	SampleID	291991		281637		292948	
	SampleDate	02-Apr-01		22-Aug-01		17-Apr-01	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,1-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROPROPENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMOETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,4-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
2,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
2-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
4-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
BENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOBENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOCHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMODICHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMOFORM	UG/L	0.5U		0.5U		0.5U	
BROMOMETHANE	UG/L	0.5U		0.5U		0.5U	
CARBON TETRACHLORIDE	UG/L	0.5U		0.5U		0.5U	
CHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 2, Lot 11	Block 2, Lot 12	Block 3, Lot 1
	SampleID	291991	281637	292948
	SampleDate	02-Apr-01	22-Aug-01	17-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	13.7=	2.2=	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 3, Lot 7	Block 3, Lot 10	Block 4, Lot 1
	SampleID	293144	292936	293132
	SampleDate	19-Apr-01	17-Apr-01	19-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 3, Lot 7	Block 3, Lot 10	Block 4, Lot 1
	SampleID	293144	292936	293132
	SampleDate	19-Apr-01	17-Apr-01	19-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block4, Lot 2	Block 4, Lot 3	Block 4, Lot 4
	SampleID	293544	293146	292944
	SampleDate	25-Apr-01	19-Apr-01	17-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block4, Lot 2	Block 4, Lot 3	Block 4, Lot 4
	SampleID	293544	293146	292944
	SampleDate	25-Apr-01	19-Apr-01	17-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 4, Lot 6	Block 4, Lot 7	Block 4, Lot 9
	SampleID	293401	296353	293641
	SampleDate	24-Apr-01	21-Jun-01	26-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5J	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 4, Lot 6	Block 4, Lot 7	Block 4, Lot 9
	SampleID	293401	296353	293641
	SampleDate	24-Apr-01	21-Jun-01	26-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5=	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5J	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5J	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 4, Lot 12	Block 5, Lot1	Block 5, Lot 2
	SampleID	293134	280456	293546
	SampleDate	19-Apr-01	01-Aug-01	25-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 4, Lot 12		Block 5, Lot1		Block 5, Lot 2	
	SampleID	293134		280456		293546	
	SampleDate	19-Apr-01		01-Aug-01		25-Apr-01	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
CHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
CHLOROFORM	UG/L	0.5U		0.5U		0.5U	
CHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U		0.5U		0.5U	
DIBROMOCHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
DIBROMOMETHANE	UG/L	0.5U		0.5U		0.5U	
DICHLORODIFLUOROMETHANE	UG/L	0.5U		0.5U		0.5U	
ETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
HEXACHLOROBUTADIENE	UG/L	0.5U		0.5U		0.5U	
ISOPROPYLBENZENE	UG/L	0.5U		0.5U		0.5U	
M,P-XYLENE	UG/L	0.5U		0.5U		0.5U	
METHYLENE CHLORIDE	UG/L	0.5U		0.5U		0.5U	
NAPHTHALENE	UG/L	0.5U		0.5U		0.5U	
N-BUTYLBENZENE	UG/L	0.5U		0.5U		0.5U	
N-PROPYLBENZENE	UG/L	0.5U		0.5U		0.5U	
O-XYLENE	UG/L	0.5U		0.5U		0.5U	
P-ISOPROPYLTOLUENE	UG/L	0.5U		0.5U		0.5U	
SEC-BUTYLBENZENE	UG/L	0.5U		0.5U		0.5U	
STYRENE	UG/L	0.5U		0.5U		0.5U	
TERT-BUTYLBENZENE	UG/L	0.5U		0.5U		0.5U	
TETRACHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
TOLUENE	UG/L	0.5U		0.5U		0.5U	
TOTAL XYLENES	UG/L	0.5U		0.5U		0.5U	
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
TRICHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
TRICHLOROFLUOROMETHANE	UG/L	0.5U		0.5U		0.5U	
VINYL CHLORIDE	UG/L	0.5U		0.5U		0.5U	

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 3		Block 5, Lot 5		Block 5, Lot 7	
	SampleID	288368		293136		292940	
	SampleDate	20-Dec-00		19-Apr-01		17-Apr-01	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,1-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROPROPENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMOETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,4-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
2,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
2-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
4-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
BENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOBENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOCHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMODICHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMOFORM	UG/L	0.5U		0.5U		0.5U	
BROMOMETHANE	UG/L	0.5U		0.5U		0.5U	
CARBON TETRACHLORIDE	UG/L	0.5U		0.5U		0.5U	
CHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 3	Block 5, Lot 5	Block 5, Lot 7
	SampleID	288368	293136	292940
	SampleDate	20-Dec-00	19-Apr-01	17-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 8		Block 5, Lot 9		Block 5, Lot 11	
	SampleID	296030		293148		293649	
	SampleDate	15-Jun-01		19-Apr-01		26-Apr-01	
	Aquifer Zone	USZ		USZ		USZ	
Parameter	**Units**						
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,1-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1,2-TRICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROETHENE	UG/L	0.5U		0.5U		0.5U	
1,1-DICHLOROPROPENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,3-TRICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,2-DIBROMOETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROETHANE	UG/L	0.5U		0.5U		0.5U	
1,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
1,3-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
1,4-DICHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	
2,2-DICHLOROPROPANE	UG/L	0.5U		0.5U		0.5U	
2-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
4-CHLOROTOLUENE	UG/L	0.5U		0.5U		0.5U	
BENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOBENZENE	UG/L	0.5U		0.5U		0.5U	
BROMOCHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMODICHLOROMETHANE	UG/L	0.5U		0.5U		0.5U	
BROMOFORM	UG/L	0.5U		0.5U		0.5U	
BROMOMETHANE	UG/L	0.5U		0.5U		0.5U	
CARBON TETRACHLORIDE	UG/L	0.5U		0.5U		0.5U	
CHLOROBENZENE	UG/L	0.5U		0.5U		0.5U	

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 8	Block 5, Lot 9	Block 5, Lot 11
	SampleID	296030	293148	293649
	SampleDate	15-Jun-01	19-Apr-01	26-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45
Analytical Data Summary Table for VOCs in the USZ for 2001
Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 12	Block 6, Lot 2	Block 6, Lot 3
	SampleID	283604	293637	281638
	SampleDate	21-Sep-01	26-Apr-01	22-Aug-00
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.05U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.05U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.05U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.05U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.05U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.05U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.05U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.05U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.05U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.05U	0.5U	0.5U
1,2-DICHLOROPROPANE	UG/L	0.05U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.05U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.05U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.05U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.05U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.05U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.05U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.05U	0.5U	0.5U
BENZENE	UG/L	0.05U	0.5U	0.5U
BROMOBENZENE	UG/L	0.05U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.05U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.05U	0.5U	0.5U
BROMOMETHANE	UG/L	0.05U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.05U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.05U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 5, Lot 12	Block 6, Lot 2	Block 6, Lot 3
	SampleID	283604	293637	281638
	SampleDate	21-Sep-01	26-Apr-01	22-Aug-00
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.05U	0.5U	0.5U
CHLOROFORM	UG/L	0.05U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.05U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.05U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.05U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.05U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.05U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.05U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.05U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.05U	0.5U	0.5U
M,P-XYLENE	UG/L	0.05U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.05U	0.5U	0.5U
NAPHTHALENE	UG/L	0.05U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.05U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.05U	0.5U	0.5U
O-XYLENE	UG/L	0.05U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.05U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.05U	0.5U	0.5U
STYRENE	UG/L	0.05U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.05U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.05U	0.5U	0.5U
TOLUENE	UG/L	0.05U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.05U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.05U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.05U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.05U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.05U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 6, Lot 5	Block 6, Lot 6	Block 6, Lot 7
	SampleID	293645	293542	293540
	SampleDate	26-Apr-01	25-Apr-01	25-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	0.5U	0.8=	2.7=
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 6, Lot 5	Block 6, Lot 6	Block 6, Lot 7
	SampleID	293645	293542	293540
	SampleDate	26-Apr-01	25-Apr-01	25-Apr-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	Units			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 7, Lot 1A	Block 7, Lot 1B	Block 7, Lot 3
	SampleID	290266	289601	294208
	SampleDate	16-Feb-01	05-Feb-01	08-May-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	5.0U	0.5U	0.5U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,2-DICHLOROETHANE	UG/L	2.7=	17.0=	0.6=
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	0.5U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	0.5U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	0.5U
BENZENE	UG/L	0.5U	0.5U	0.5U
BROMOBENZENE	UG/L	0.5U	0.5U	0.5U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
BROMOFORM	UG/L	0.5U	0.5U	0.5U
BROMOMETHANE	UG/L	0.5U	0.5U	0.5U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	0.5U
CHLOROBENZENE	UG/L	0.5U	0.5U	0.5U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 7, Lot 1A	Block 7, Lot 1B	Block 7, Lot 3
	SampleID	290266	289601	294208
	SampleDate	16-Feb-01	05-Feb-01	08-May-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
CHLOROETHANE	UG/L	0.5U	0.5U	0.5U
CHLOROFORM	UG/L	0.5U	0.5U	0.5U
CHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	0.5U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	0.5U
DIBROMOMETHANE	UG/L	0.5U	0.5U	0.5U
DICHLORODIFLUOROMETHANE	UG/L	0.5=	0.5U	0.5U
ETHYLBENZENE	UG/L	0.5U	0.5U	0.5U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	0.5U
ISOPROPYLBENZENE	UG/L	0.5U	0.4=	0.5U
M,P-XYLENE	UG/L	0.5U	0.5U	0.5U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	0.5U
NAPHTHALENE	UG/L	0.5U	0.5U	0.5U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	0.5U
O-XYLENE	UG/L	0.5U	0.5U	0.5U
P-ISOPROPYLTOLUENE	UG/L	5.0U	0.5U	0.5U
SEC-BUTYLBENZENE	UG/L	0.5U	1.=	0.5U
STYRENE	UG/L	0.5U	0.5U	0.5U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	0.5U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TOLUENE	UG/L	0.5U	0.5U	0.5U
TOTAL XYLENES	UG/L	0.5U	0.5U	0.5U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROETHENE	UG/L	0.5U	0.5U	0.5U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	0.5U
VINYL CHLORIDE	UG/L	0.5U	0.5U	0.5U

TABLE A.45
Analytical Data Summary Table for VOCs in the USZ for 2001
Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 7, Lot 5	Block 7, Lot11	Well 2-253B
	SampleID	293391	296031	WH0611
	SampleDate	24-Apr-01	15-Jun-2001	15-Aug-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	**Units**			
1,1,1,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	1U
1,1,1-TRICHLOROETHANE	UG/L	0.5U	0.5U	1U
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5U	0.5U	1U
1,1,2-TRICHLOROETHANE	UG/L	0.5U	0.5U	1U
1,1-DICHLOROETHANE	UG/L	0.5U	0.5U	1U
1,1-DICHLOROETHENE	UG/L	0.5U	0.5U	1U
1,1-DICHLOROPROPENE	UG/L	0.5U	0.5U	1U
1,2,3-TRICHLOROBENZENE	UG/L	0.5U	0.5U	1U
1,2,3-TRICHLOROPROPANE	UG/L	0.5U	0.5U	1U
1,2,4-TRICHLOROBENZENE	UG/L	0.5U	0.5U	1U
1,2,4-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	0.5U	0.5U	1U
1,2-DIBROMOETHANE	UG/L	0.5U	0.5U	1U
1,2-DICHLOROBENZENE	UG/L	0.5U	0.5U	1U
1,2-DICHLOROETHANE	UG/L	0.5U	0.2J	1U
1,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	1U
1,3,5-TRIMETHYLBENZENE	UG/L	0.5U	0.5U	1U
1,3-DICHLOROBENZENE	UG/L	0.5U	0.5U	1U
1,3-DICHLOROPROPANE	UG/L	0.5U	0.5U	1U
1,4-DICHLOROBENZENE	UG/L	0.5U	0.5U	1U
2,2-DICHLOROPROPANE	UG/L	0.5U	0.5U	1U
2-CHLOROTOLUENE	UG/L	0.5U	0.5U	1U
4-CHLOROTOLUENE	UG/L	0.5U	0.5U	1U
BENZENE	UG/L	0.5U	0.5U	1U
BROMOBENZENE	UG/L	0.5U	0.5U	1U
BROMOCHLOROMETHANE	UG/L	0.5U	0.5U	1U
BROMODICHLOROMETHANE	UG/L	0.5U	0.5U	1U
BROMOFORM	UG/L	0.5U	0.5U	1U
BROMOMETHANE	UG/L	0.5U	0.5U	1U
CARBON TETRACHLORIDE	UG/L	0.5U	0.5U	1U
CHLOROBENZENE	UG/L	0.5U	0.5U	1U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Block 7, Lot 5	Block 7, Lot11	Well 2-253B
	SampleID	293391	296031	WH0611
	SampleDate	24-Apr-01	15-Jun-2001	15-Aug-01
	Aquifer Zone	USZ	USZ	USZ
Parameter	Units			
CHLOROETHANE	UG/L	0.5U	0.5U	1U
CHLOROFORM	UG/L	0.5U	0.5U	1U
CHLOROMETHANE	UG/L	0.5U	0.5U	1U
cis-1,2-DICHLOROETHYLENE	UG/L	0.5U	0.5U	1U
DIBROMOCHLOROMETHANE	UG/L	0.5U	0.5U	1U
DIBROMOMETHANE	UG/L	0.5U	0.5U	1U
DICHLORODIFLUOROMETHANE	UG/L	0.5U	0.5U	1U
ETHYLBENZENE	UG/L	0.5U	0.5U	1U
HEXACHLOROBUTADIENE	UG/L	0.5U	0.5U	1U
ISOPROPYLBENZENE	UG/L	0.5U	0.5U	1U
M,P-XYLENE	UG/L	0.5U	0.5U	1U
METHYLENE CHLORIDE	UG/L	0.5U	0.5U	1U
NAPHTHALENE	UG/L	0.5U	0.5U	1U
N-BUTYLBENZENE	UG/L	0.5U	0.5U	1U
N-PROPYLBENZENE	UG/L	0.5U	0.5U	1U
O-XYLENE	UG/L	0.5U	0.5U	1U
P-ISOPROPYLTOLUENE	UG/L	0.5U	0.5U	1U
SEC-BUTYLBENZENE	UG/L	0.5U	0.5U	1U
STYRENE	UG/L	0.5U	0.5U	1U
TERT-BUTYLBENZENE	UG/L	0.5U	0.5U	1U
TETRACHLOROETHENE	UG/L	0.5U	0.5U	1U
TOLUENE	UG/L	0.5U	0.5U	1U
TOTAL XYLENES	UG/L	0.5U	0.5U	1U
TRANS-1,2-DICHLOROETHENE	UG/L	0.5U	0.5U	1U
TRICHLOROETHENE	UG/L	0.5U	0.5U	1U
TRICHLOROFLUOROMETHANE	UG/L	0.5U	0.5U	1U
VINYL CHLORIDE	UG/L	0.5U	0.5U	1U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Well 2-254B	Well 2-255B	Well 2-256B	Well 2-257B
	SampleID	WH0612	WH0613	WH0616	WH0617
	SampleDate	15-Aug-01	15-Aug-01	15-Aug-01	15-Aug-01
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
1,1,1,2-TETRACHLOROETHANE	UG/L	1U	1U	1U	1U
1,1,1-TRICHLOROETHANE	UG/L	1U	1U	1U	1U
1,1,2,2-TETRACHLOROETHANE	UG/L	1U	1U	1U	1U
1,1,2-TRICHLOROETHANE	UG/L	1U	1U	1U	1U
1,1-DICHLOROETHANE	UG/L	1U	1U	1U	1U
1,1-DICHLOROETHENE	UG/L	1U	1U	1U	1U
1,1-DICHLOROPROPENE	UG/L	1U	1U	1U	1U
1,2,3-TRICHLOROBENZENE	UG/L	1U	1U	1U	1U
1,2,3-TRICHLOROPROPANE	UG/L	1U	1U	1U	1U
1,2,4-TRICHLOROBENZENE	UG/L	1U	1U	1U	1U
1,2,4-TRIMETHYLBENZENE	UG/L	1U	1U	1U	1U
1,2-DIBROMO-3-CHLOROPROPANE	UG/L	1U	1U	1U	1U
1,2-DIBROMOETHANE	UG/L	1U	1U	1U	1U
1,2-DICHLOROBENZENE	UG/L	1U	1U	1U	1U
1,2-DICHLOROETHANE	UG/L	1U	1U	1U	1U
1,2-DICHLOROPROPANE	UG/L	1U	1U	1U	1U
1,3,5-TRIMETHYLBENZENE	UG/L	1U	1U	1U	1U
1,3-DICHLOROBENZENE	UG/L	1U	1U	1U	1U
1,3-DICHLOROPROPANE	UG/L	1U	1U	1U	1U
1,4-DICHLOROBENZENE	UG/L	1U	1U	1U	1U
2,2-DICHLOROPROPANE	UG/L	1U	1U	1U	1U
2-CHLOROTOLUENE	UG/L	1U	1U	1U	1U
4-CHLOROTOLUENE	UG/L	1U	1U	1U	1U
BENZENE	UG/L	1U	1U	1U	1U
BROMOBENZENE	UG/L	1U	1U	1U	1U
BROMOCHLOROMETHANE	UG/L	1U	2.6=	0.6=J	1.4=
BROMODICHLOROMETHANE	UG/L	1U	1U	1U	1U
BROMOFORM	UG/L	1U	1U	1U	1U
BROMOMETHANE	UG/L	1U	1U	1U	1U
CARBON TETRACHLORIDE	UG/L	1U	1U	1U	1U
CHLOROBENZENE	UG/L	1U	1U	1U	1U

TABLE A.45

Analytical Data Summary Table for VOCs in the USZ for 2001

Tinker AFB, Oklahoma City, Oklahoma

	StationID	Well 2-254B	Well 2-255B	Well 2-256B	Well 2-257B
	SampleID	WH0612	WH0613	WH0616	WH0617
	SampleDate	15-Aug-01	15-Aug-01	15-Aug-01	15-Aug-01
	Aquifer Zone	USZ	USZ	USZ	USZ
Parameter	**Units**				
CHLOROETHANE	UG/L	1U	1U	1U	1U
CHLOROFORM	UG/L	1U	7.9=	1.2=	4.2=
CHLOROMETHANE	UG/L	1U	1U	1U	1U
cis-1,2-DICHLOROETHYLENE	UG/L	1U	1U	1U	19=
DIBROMOCHLOROMETHANE	UG/L	1U	0.5J	1U	1U
DIBROMOMETHANE	UG/L	1U	1U	1U	1U
DICHLORODIFLUOROMETHANE	UG/L	1U	1U	1U	1U
ETHYLBENZENE	UG/L	1U	1U	1U	1U
HEXACHLOROBUTADIENE	UG/L	1U	1U	1U	1U
ISOPROPYLBENZENE	UG/L	1U	1U	1U	1U
M,P-XYLENE	UG/L	1U	1U	1U	1U
METHYLENE CHLORIDE	UG/L	1U	1U	1.3=	1.2=
NAPHTHALENE	UG/L	1U	1U	1U	1U
N-BUTYLBENZENE	UG/L	1U	1U	1U	1U
N-PROPYLBENZENE	UG/L	1U	1U	1U	1U
O-XYLENE	UG/L	1U	1U	1U	1U
P-ISOPROPYLTOLUENE	UG/L	1U	1U	1U	1U
SEC-BUTYLBENZENE	UG/L	1U	1U	1U	1U
STYRENE	UG/L	1U	1U	1U	1U
TERT-BUTYLBENZENE	UG/L	1U	1U	1U	1U
TETRACHLOROETHENE	UG/L	1U	1U	1U	1U
TOLUENE	UG/L	1U	1U	1U	1U
TOTAL XYLENES	UG/L	1U	1U	1U	1U
TRANS-1,2-DICHLOROETHENE	UG/L	1U	1U	1U	1U
TRICHLOROETHENE	UG/L	1U	1U	1U	1U
TRICHLOROFLUOROMETHANE	UG/L	1U	1U	1U	1U
VINYL CHLORIDE	UG/L	1U	1U	1U	2.8=

TABLE A.46
Trend Analysis for Selected USZ Wells: 1995-1999
Tinker AFB, Oklahoma City, Oklahoma

USZ Well 11A Summary of Analytical Results						
	Concentration					
Parameter	**Sept. 1995**	**May 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	270	350	340	430	520	710
cis-1,2-DICHLOROETHYLENE (ug/L)	17	16	21	28	24	35
1,2-DICHLOROETHANE (ug/L)	0	1	10	1	1	1
VINYL CHLORIDE (ug/L)	9	8	10	25	8.7	12
ARSENIC (mg/L)	0	2.90	2.10	5.6	6.0	10.0
CHROMIUM (mg/L)	28.5	58.9	66.4	2.0	6.8	29.3
NICKEL (mg/L)	25.4	14.10	18.3	13.5	15.4	28.0

USZ Well 2-124A Summary of Analytical Results						
	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Sept. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	0.6	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1	1
ARSENIC (mg/L)	0	5.9	8.90	4.0	7.6	10.0
CHROMIUM (mg/L)	3	8.4	84.6	41.0	187	221
NICKEL (mg/L)	3.3	7.5	193	562	209	430

USZ Well 2-125A Summary of Analytical Results						
	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1	1
ARSENIC (mg/L)	0	2.5	2.10	4.0	6.0	10.0
CHROMIUM (mg/L)	7.1	.8	1.00	2.0	5.8	5.1
NICKEL (mg/L)	7.8	14.3	112	44.9	63.4	28.0

USZ Well 2-128A Summary of Analytical Results						
	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	1500	1000	980	470	220	100
cis-1,2-DICHLOROETHYLENE (ug/L)	89	69	65	30	17	15
1,2-DICHLOROETHANE (ug/L)	60	39	28	30	24	30
VINYL CHLORIDE (ug/L)	0	25	6	4.7	1.4	1.2

TABLE A.46
Trend Analysis for Selected USZ Wells: 1995-1999
Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	0	2.5	2.10	8.8	7.7	10.0
CHROMIUM (mg/L)	351	317	374	535	418	443
NICKEL (mg/L)	0	1.9	1.50	3.9	2.1	4.0

USZ Well 2-131A Summary of Analytical Results

	Concentration				
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**Nov. 1999**
TRICHLOROETHENE (ug/L)	92	110	66	89	70
cis-1,2-DICHLOROETHYLENE (ug/L)	120	160	130	170	190
1,2-DICHLOROETHANE (ug/L)	0	1	5	1	1
VINYL CHLORIDE (ug/L)	8	15	15	70	35
ARSENIC (mg/L)	0	3.8	4.00	4.0	6.0
CHROMIUM (mg/L)	3.9	2.2	3.80	2.0	5.0
NICKEL (mg/L)	3.4	3.6	2.80	4.3	5.0

USZ Well 2-290B Summary of Analytical Results

	Concentration				
Parameter	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	5.50	10.5	8.6	10.0
CHROMIUM (mg/L)	3.2	97.0	69.7	22.9	33.7
NICKEL (mg/L)	18	56.6	44.6	72.9	148

USZ Well 2-292B Summary of Analytical Results

	Concentration				
Parameter	**Sept. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	11	38	150	58	61
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	2.90	4.2	9.5	10.0
CHROMIUM (mg/L)	30	20.7	8.0	32.8	5.0
NICKEL (mg/L)	24.1	52.4	11.7	27.0	4.0

USZ Well 2-294B Summary of Analytical Results

	Concentration				
Parameter	**Aug. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	2.1	1	4.6	4.2	5
cis-1,2-DICHLOROETHYLENE (ug/L)	68	1	100	130	180
1,2-DICHLOROETHANE (ug/L)	3.2	1	5.2	4.7	6.5
VINYL CHLORIDE (ug/L)	0	1	1	0.6	0.8

TABLE A.46
Trend Analysis for Selected USZ Wells: 1995-1999
Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	0	7.10	6.4	6.4	10.0
CHROMIUM (mg/L)	2	22.5	2.0	1.0	5.0
NICKEL (mg/L)	3.7	6.10	1.0	1.0	4.0

USZ Well 2-295B Summary of Analytical Results					
	Concentration				
Parameter	**Aug. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	12	23	21	21	22
cis-1,2-DICHLOROETHYLENE (ug/L)	220	240	220	330	350
1,2-DICHLOROETHANE (ug/L)	7.4	10	8.2	7.7	9
VINYL CHLORIDE (ug/L)	0	10	3.1	1.8	2
ARSENIC (mg/L)	0	2.10	6.8	6.0	10.0
CHROMIUM (mg/L)	4.7	6.20	2.0	1.0	5.0
NICKEL (mg/L)	31.6	7.70	1.5	1.5	4.0

USZ Well 2-296B Summary of Analytical Results					
	Concentration				
Parameter	**Aug. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	5.3	10	17	21	29
cis-1,2-DICHLOROETHYLENE (ug/L)	210	260	-	640	650
1,2-DICHLOROETHANE (ug/L)	3.3	5	5.4	4.3	4.6
VINYL CHLORIDE (ug/L)	0	5	6.4	6.4	8.5
ARSENIC (mg/L)	0	2.10	4.0	6.0	10.0
CHROMIUM (mg/L)	0	3.00	2.0	1.0	5.0
NICKEL (mg/L)	1.8	1.20	3.2	1.0	4.0

USZ Well 2-297B Summary of Analytical Results					
	Concentration				
Parameter	**Sept. 1996**	**Sept. 1997**	**Dec. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	0.7	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	4.90	8.3	7.8	10.0
CHROMIUM (mg/L)	14.8	23.4	28.9	30.4	25.9
NICKEL (mg/L)	9.3	6.70	3.0	2.1	4.0

USZ Well 2-299B Summary of Analytical Results					
	Concentration				
Parameter	**Aug. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	100	120	190	220	300
cis-1,2-DICHLOROETHYLENE (ug/L)	0	5	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	5	1	1	1
VINYL CHLORIDE (ug/L)	0	5	1	1	1

TABLE A.46

Trend Analysis for Selected USZ Wells: 1995-1999

Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	0	2.50	4.0	6.6	10.0
CHROMIUM (mg/L)	3.2	19.1	31.2	18.4	54.7
NICKEL (mg/L)	0	189	168	70.1	166

USZ Well 2-304B Summary of Analytical Results					
	Concentration				
Parameter	**Aug. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	2.50	4.0	9.6	10.0
CHROMIUM (mg/L)	2	3.50	2.0	1.9	5.0
NICKEL (mg/L)	0	5.70	9.5	6.1	6.3

USZ Well 2-334B Summary of Analytical Results					
	Concentration				
Parameter	**Sept. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	4.30	4.0	8.3	10.0
CHROMIUM (mg/L)	1.8	84.2	54.2	32.8	24.7
NICKEL (mg/L)	2.5	327	768	273	235

USZ Well 2-335B Summary of Analytical Results					
	Concentration				
Parameter	**Sept. 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1.1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1
ARSENIC (mg/L)	0	22.9	67.6	23.3	46.5
CHROMIUM (mg/L)	4.1	1820	2940	1970	8320
NICKEL (mg/L)	1.9	1100	1110	482	840

USZ Well 2-344B Summary of Analytical Results		
	Concentration	
Parameter	**Jan. 1999**	**Nov. 1999**
TRICHLOROETHENE (ug/L)	0.8	1
cis-1,2-DICHLOROETHYLENE (ug/L)	1	1
1,2-DICHLOROETHANE (ug/L)	1	1
VINYL CHLORIDE (ug/L)	1	1

TABLE A.46
Trend Analysis for Selected USZ Wells: 1995-1999
Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	4.0	10.0
CHROMIUM (mg/L)	2.4	8.4
NICKEL (mg/L)	81.0	38.2

USZ Well 2AR Summary of Analytical Results

	Concentration				
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1.0	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	0.9	1.1
1,2-DICHLOROETHANE (ug/L)	0	1	1.0	1	1
VINYL CHLORIDE (ug/L)	0	1	1.0	2	1.2
ARSENIC (mg/L)	2.9	2.5	2.10	9.9	10.0
CHROMIUM (mg/L)	0	.8	1.00	6.0	5.0
NICKEL (mg/L)	16.2	6.4	7.90	23.9	21.3

USZ Well 45AR Summary of Analytical Results

	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	16	14	11	18	15	21
cis-1,2-DICHLOROETHYLENE (ug/L)	120	170	150	190	270	260
1,2-DICHLOROETHANE (ug/L)	14	11	11	14	11	19
VINYL CHLORIDE (ug/L)	0	1	1	1	1	1
ARSENIC (mg/L)	0	2.5	2.40	7.1	6.0	10.0
CHROMIUM (mg/L)	10.8	3.7	7.10	6.0	3.0	39.7
NICKEL (mg/L)	11.4	4.8	175	11.4	5.8	23.4

USZ Well 47AR Summary of Analytical Results

	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	0	1	1	1	1	1
1,2-DICHLOROETHANE (ug/L)	0	1	1	1	1	1
VINYL CHLORIDE (ug/L)	0	1	1	1	1	1
ARSENIC (mg/L)	0	2.5	2.10	4.0	6.0	10.0
CHROMIUM (mg/L)	.87	2	4.50	19.3	55.5	5.0
NICKEL (mg/L)	7.1	6	5.60	61.4	54.6	4.0

USZ Well 5C Summary of Analytical Results

	Concentration				
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	.6	1	1	1.1	1.6
cis-1,2-DICHLOROETHYLENE (ug/L)	4	6	6	8	15
1,2-DICHLOROETHANE (ug/L)	11	14	26	14	17
VINYL CHLORIDE (ug/L)	0	1	1	1	1

TABLE A.46

Trend Analysis for Selected USZ Wells: 1995-1999

Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	0	2.5	2.70	4.0	10.0
CHROMIUM (mg/L)	86.6	83.1	55.3	33.2	26.9
NICKEL (mg/L)	2.5	30.6	2.40	19.8	29.5

USZ Well 75B Summary of Analytical Results

	Concentration					
Parameter	**Sept. 1995**	**May 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	110	320	160	280	170	150
cis-1,2-DICHLOROETHYLENE (ug/L)	7	25	12	40	31	89
1,2-DICHLOROETHANE (ug/L)	0	1	5	1	1	1
VINYL CHLORIDE (ug/L)	2	6	5	12	2.2	3.3
ARSENIC (mg/L)	0	2.50	2.10	4.0	8.3	10.0
CHROMIUM (mg/L)	2.1	0.80	1.00	2.0	1.0	5.0
NICKEL (mg/L)	28.2	31.10	32.6	35.6	28.2	33.8

USZ Well 76A Summary of Analytical Results

	Concentration					
Parameter	**Sept. 1995**	**May 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	0	1	1.0	1	1	1
cis-1,2-DICHLOROETHYLENE (ug/L)	4	2	1	1.9	16	11
1,2-DICHLOROETHANE (ug/L)	0	1	1.0	1	1	1
VINYL CHLORIDE (ug/L)	0	2	1	4.5	11	7.2
ARSENIC (mg/L)	3.1	2.50	3.40	4.0	6.0	10.0
CHROMIUM (mg/L)	0	0.98	1.00	2.0	2.3	5.0
NICKEL (mg/L)	53.5	36.20	30.1	33.2	36.3	38.9

USZ Well 78A Summary of Analytical Results

	Concentration				
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	18	59	36	66	42
cis-1,2-DICHLOROETHYLENE (ug/L)	.9	3	2	3.4	1.2
1,2-DICHLOROETHANE (ug/L)	0	2	1.0	1	1
VINYL CHLORIDE (ug/L)	0	2	1	1	1
ARSENIC (mg/L)	0	2.5	2.10	5.6	10.0
CHROMIUM (mg/L)	0	4.3	2.80	2.0	5.0
NICKEL (mg/L)	0	3.3	2.40	3.1	4.0

USZ Well 79BR Summary of Analytical Results

	Concentration					
Parameter	**Sept. 1995**	**July 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	7600	2700	7200	6400	7200	11400
cis-1,2-DICHLOROETHYLENE (ug/L)	0	31	250	43	49	100
1,2-DICHLOROETHANE (ug/L)	0	8	250	35	29	92
VINYL CHLORIDE (ug/L)	0	10	250	1	1	1

TABLE A.46
Trend Analysis for Selected USZ Wells: 1995-1999
Tinker AFB, Oklahoma City, Oklahoma

ARSENIC (mg/L)	10.2	28.6	54.3	6.2	18.6	10.0
CHROMIUM (mg/L)	256	1300	674	250	294	382
NICKEL (mg/L)	510	564	501	103	188	157

USZ Well 83BR Summary of Analytical Results						
	Concentration					
Parameter	**Sept. 1995**	**May 1996**	**Sept. 1997**	**Nov. 1998**	**July 1999**	**Oct. 1999**
TRICHLOROETHENE (ug/L)	210	240	200	290	230	520
cis-1,2-DICHLOROETHYLENE (ug/L)	7	6	10	6.5	5.8	9.4
1,2-DICHLOROETHANE (ug/L)	0	1	10	1	1	1
VINYL CHLORIDE (ug/L)	0	1	10	3.5	1.8	1.7
ARSENIC (mg/L)	0	2.60	2.20	4.2	9.1	10.0
CHROMIUM (mg/L)	4	8.20	4.20	36.2	13.1	5.0
NICKEL (mg/L)	25.4	17.4	28.3	31.0	26.1	7.9

Appendix B
Monitoring Well Construction Data

Appendix C
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